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# Important Notices and Warnings

## This Documentation

Thank you for choosing our product as your navigator. Read the Quick Start Guide first and start using your device right away. This document is the detailed description of the navigation software and hardware. You can easily discover the software while you are using it; however, we still recommend that you read this manual to fully understand the screens and features.

## Global Positioning System

The **G**lobal **P**osition **S**ystem (GPS) is a satellite-based system that provides location and timing information around the globe.

GPS is operated and controlled under the sole responsibility of the Government of the United States of America, who are responsible for its availability and accuracy. Any changes in GPS availability and accuracy or in environmental conditions, may affect the operation of your Navig8r. We cannot accept any liability for the availability or accuracy of GPS.

## Precautions

For your safety and the safety of other road users, do not operate the controls of this Navig8r while driving. Use care when operating the Navig8r. This product is intended to be used only as an aid to navigate. It is not intended for the precise measurement of direction, distance, or location topography.

The Calculated routes are for reference only. It is the user's responsibility to follow all local traffic regulations and traffic signs when driving. Local conditions and regulations may change at short notice and may not be included in the software/mapping data of this product.

When leaving your vehicle, do not leave the Navig8r on the dashboard of the car. It should be removed and placed in a secure place along with the windscreen mount and power cable. Do not leave the Navig8r in direct sunlight or in an enclosed vehicle when not in use. Overheating of the battery may cause damage or cause the Navig8r to malfunction. Extreme overheating may cause the battery to leak.

GPS satellite signals cannot pass through solid materials with the exception of glass. When travelling through tunnels or inside buildings, such as parking stations, GPS positioning is not available. The time taken for the Navig8r to re-acquire satellite signals when emerging from tunnels or buildings may vary and will depend on atmospheric conditions and the environment.

A minimum of four GPS satellite signals is required to determine the Navig8rs current location. Signal reception can be affected by atmospheric conditions such as; bad weather, thick clouds, solar activity and dense overhead objects such as trees, tall buildings and large road signs. Wireless devices can also interfere with satellite reception.

The use of devices with a GPS antenna is prohibited on most aircraft, hospitals and other locations that contain sensitive equipment. The Navig8r should not be used in these environments.

# What's in the Box

Unpack the box and identify the contents. You should have the following items:

| ITEM | DESCRIPTION | ITEM | DESCRIPTION |
|---|---|---|---|
| 1 | The Navig8r GPS unit | 2 | GPS device holder |
| 3 | Bracket/Windscreen Mount | 4 | Car Charger (12v DC) |
| 5 | USB Data Cable | | |

# 1. Getting To Know Your Navig8r GPS

| ITEM | DESCRIPTION | ITEM | DESCRIPTION |
|---|---|---|---|
| 1 | Power Button | 2 | 3.5mm Stereo Earphone Jack |
| 3 | Micro SDHC Card Slot *(Card not supplied)* | 4 | USB Connection Socket |
| 5 | Reset button | 6 | Stylus |
| 7 | Speaker | Face | LCD Touch screen |

## 1.1 Warning

This Navig8r GPS should not be used in conditions of high temperature, high humidity or dusty conditions. We recommend that the Navig8r is not left in direct sunlight for extended periods or left fitted to the windscreen, dashboard or glove box.

Prolonged exposure to high temperatures may cause the Navig8r to malfunction and may even cause permanent damage to the Navig8r.

There are no user serviceable parts in this device. Opening the device may cause harm and damage the device. Any attempt to disassemble this device will void the warranty.

Images, screen shots and features shown in this manual may vary slightly from the actual product. We reserve the right to make changes to this product without notice.

## 1.2 Before Using Your Navig8r GPS Unit

Please check the contents of the packaging and ensure that all equipment is located and identified. The protective screen cover may be left on the device but may impede the viewing of the device in normal operation.

Connect the Navig8r GPS unit to power source for a period of 24 hours in the first instance to charge and condition the battery. It may take several charge/discharge cycles for the device to reach peak endurance. The charging process will take longer if the device is turned on.

Subsequent charging should take less time to complete.

This GPS can only be charged from the PC USB port when the Navig8r is turned OFF.

Once the initial charge has been completed turn the GPS device on. The Navig8r should launch the Navigation software.

To turn the device off for short periods simply remove the Navig8r from its power supply (or turn the ignition off). If the navigation software is running the Navig8r will detect the power off and place itself in sleep mode. When the power is turned back on again the Navig8r will start at the last screen shown.

The GPS will continue to draw power from the battery in sleep mode and will go flat after 24 to 36 hours.

To turn the GPS off manually or if the device is not to be used for periods longer than two or three days, simply press the power button for 3 seconds and then tap the shut down option or cancel to return to the previous screen.

If no option is selected the Navig8r will turn off after 15 seconds.
Prior to using the GPS system for the first time, it is recommended that the touch screen be calibrated. Please see the system setting instructions further on in this manual.

## 1.3 Mounting the GPS Unit in Your Vehicle

Fit the windscreen mount to the holder which you have attached to the rear of the GPS unit and test mount the GPS on the windscreen of the car. Choose a position that will not obstruct your vision whilst driving but will also provide the GPS unit the best coverage of the sky through the windscreen. Loosen the two knobs on the mount to allow movement of the pivot points.

The Navig8r should only be fitted on fixed windows.

Once the best location has been determined, remove the protective film from the suction cap of the windscreen mount and, on clean glass, fit firmly against the windscreen. Push the tab located on the top of the suction cup towards the windscreen until it locks in place. For best results it is recommended that the suction cup be moistened before fitting.

In a normal driving position adjust the GPS to a position that will be in view whilst driving and does not obstruct your view of the road. Once the correct position has been found tighten the two knobs on the mount to prevent the GPS moving from vibration. Do not over tighten these knobs.

Changes in temperatures and condensation may cause the suction cup to become loose and should be checked on a regular basis. To avoid damage or theft, the GPS should not be left on the windscreen mount overnight.

To remove the mount from the windscreen, take hold of the mount in one hand and use the other to pull the tab away from the mount. Locate the plastic tab on the side of the suction cup and gently pull away from the windscreen to break the seal.

N.B: Tinted windows may impede the Navig8rs ability to detect the GPS satellites correctly.

## 1.4 Connecting the Car Charger

Caution: To protect the GPS against the possibility of damage caused by power surges when the vehicle is started, the charger should not be connected to the GPS device when the vehicle is started.

The car charger supplies power to the device when it is being used in the vehicle.

Connect the USB plug to the USB socket of the GPS and then fit the other end in to the cigarette/power outlet of your vehicle once the vehicle has been started.
The charge light indicator on the GPS should glow when connected to power.

The GPS can now be started by pressing the power button on top of the device for about 3 seconds.

When starting the GPS in the vehicle it may take a short period of time for the system to acquire a valid GPS signal. Please make sure that the GPS unit has a clear view of the sky and is not impeded by trees, awnings, car ports or similar obstructions.

# NAVIGATION

## Before Using the Navig8r Please Read the Following

Personal Navigation devices are designed to be an aid to navigation only. They are to be used in conjunction with all local road rules, laws and regulations. It is the responsibility of the driver to ensure that the vehicle is driven in a safe manner in compliance with these laws.

In most states it is illegal to operate a GPS system while driving a vehicle. When entering information into the GPS, please pull over safely to the side of the road before using this device. It is better to set the destination for the GPS before you start on your trip rather than trying to enter it on the move.
When positioning the GPS system on the windscreen of your vehicle, make sure that it is placed in a position that provides a clear view of the road ahead and ensure the driver does not have to look away from the road to check the screen.

Please read the hardware section to ensure that all accessories can be identified and you can assemble the navig8r GPS. Also please read the section on "Mounting the GPS unit in your vehicle" in the hardware section to ensure that the Navig8r is mounted safely and securely.
The first time the GPS unit is used, or it has not been used for some time, it may take some several minutes for it to detect the GPS satellites. Restarting the system in the same location should acquire the signals quickly.

Please read this section carefully.

## Key Features

- **Spoken Street names (TTS)**
- **Speed limits and over speed warnings.***
- **Driver Safety warnings including School Zone, Black Spots, Fixed location infringement Cameras, railway crossing and others.****
- **Intuitive menus.**
- **Huge array of POI (Points Of Interest) data**
- **Simple to use.**

*Data included in this software is for guidance only and is only provided as an indicator and does not cover work works. Not all roads or areas are covered. It is the responsibility to drive with in the posted speed limit.

**Warnings are provided as an aid to driving only. The data provided in the device may not cover all points. Please drive according to the conditions and take note of any posted warning signs.

## 2. Getting Started With Your Navig8r GPS System

Mount and connect the Navig8r as described in this manual. Press the power button on the top of the Navig8r. The Navigation software will run automatically.

The software is optimised for in-car or pedestrian use. There is no need to use a stylus. You can use it easily by tapping the screen buttons and the map with your fingertips. However a stylus is supplied.

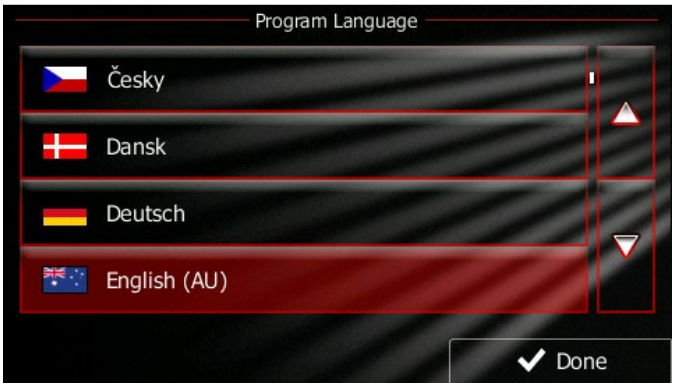
When using the navigation software for the first time, an initial setup process starts automatically.

Do as follows:

1. Select the written language of the application interface.

   Later you can change it in Regional settings.

   Tap the , or the button to scroll through the selection. Tap the Done button to confirm the selection.



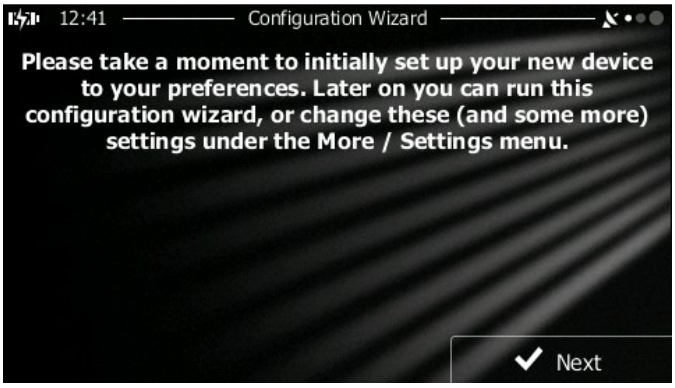

2. Read the End User Licence Agreement.

   Tap Accept to continue.

   If you do not agree with the terms and conditions please tap the Decline button to exit the software and go to the main hardware menu.

12:32
EULA
End User Licence Agreement
1 The contracting parties
1.1 This Agreement has been entered into by and between Nav N Go Kft. (registered seat: 23 Bérc utca, H-1016 Budapest, Hungary; Company reg.no.: 01-09-891838) as Licensor (hereinafter: Licensor) and You as the User (hereinafter: User; the User and the Licensor jointly referred to as: Parties) in subject of the use of the software product specified in this Agreement.
2 Conclusion of the Agreement
Decline
Accept

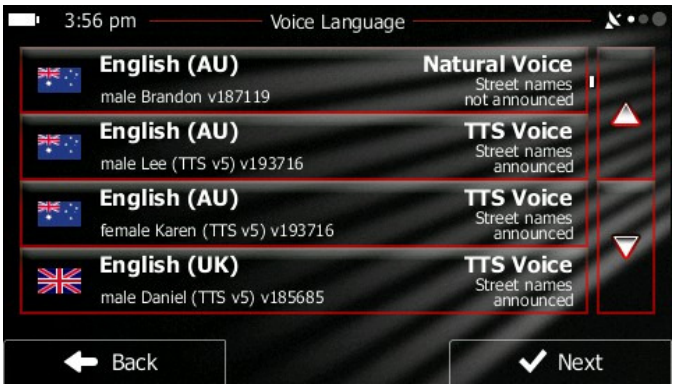
3. To continue with the configuration wizard please tap the Next button.


12:41
Configuration Wizard
Please take a moment to initially set up your new device to your preferences. Later on you can run this configuration wizard, or change these (and some more) settings under the More / Settings menu.
Next

**4.** Select the language that you would like to hear the voice commands in. Next button.

Tap the , or the button to scroll through the selection. Tap the Next button to confirm the selection.

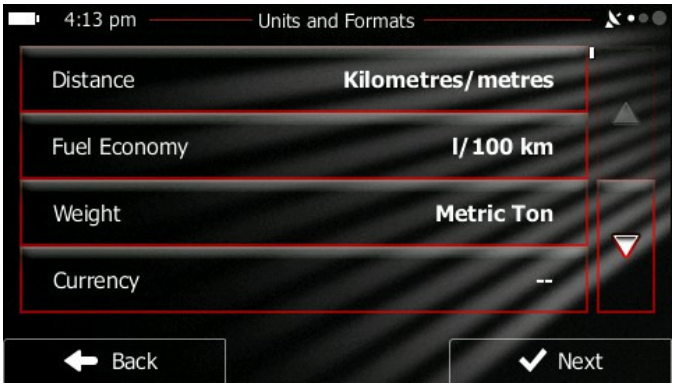
*For Spoken Street name, please select a voice marked (TTS).*




**5.** If needed, modify the time format and unit settings.

Later you can change them in Regional settings.

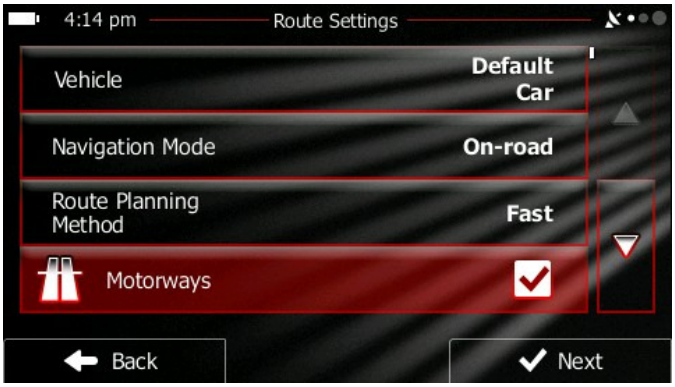
Tap the Next button to confirm and continue.




**6.** Set the preferred default Route Settings to be used by the GPS.

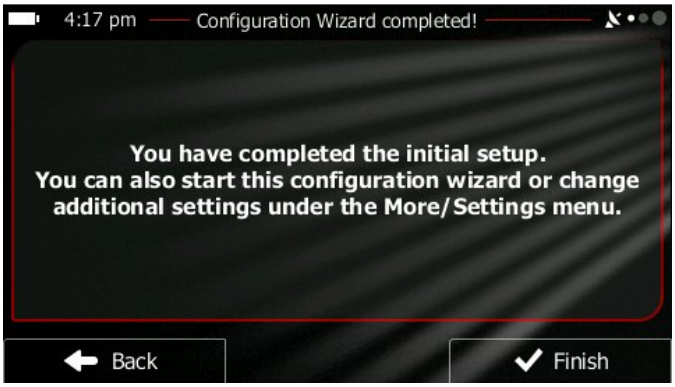
***Route Settings are explained in detail on page XX***

Tap the Back at any stage, if shown to go back to the previous screen.

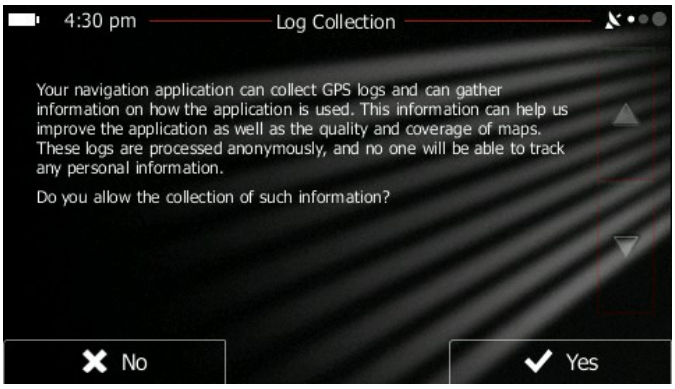



**7.** Tap the Finish to complete the wizard an continue to the Navigation Screen

Tap the Back at any stage, if shown to go back to the previous screen.


4:17 pm
Configuration Wizard completed!
You have completed the initial setup.
You can also start this configuration wizard or change additional settings under the More/Settings menu.
Back
Finish

Tap the **YES** or **NO** button to allow or deny the collection of GPS logs.

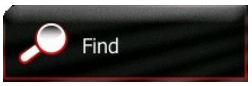
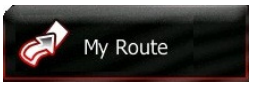
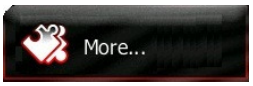
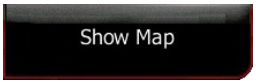

4:30 pm
Log Collection
Your navigation application can collect GPS logs and can gather information on how the application is used. This information can help us improve the application as well as the quality and coverage of maps. These logs are processed anonymously, and no one will be able to track any personal information.
Do you allow the collection of such information?
No
Yes

Tap the

at any stage, if shown to go back to the previous screen.

## 2.1 Start Up Screen: The Navigation Menu

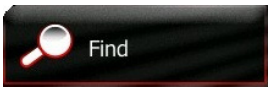
The software starts with its main menu, the Navigation Menu. From here you can reach all parts of the Software

| | |
|---|---|
|   | Tap to select your destination by entering an address or selecting a place of interest, a location on the map and or select from one of your Favourites. |
|   | Shows the route parameters and the route in its full length on the map. You can also perform route related actions such as editing, alter route settings, or avoid parts of the route. |
|   | Customise the way the navigation software works and looks, watch the Tutorial, simulate demo routes, or run some additional applications. |
|   | Start navigating on the map. The button itself is a miniature live map that shows current position, recommended route and the surrounding map area. Tap to show full map screen. |
| | Exits the navigation software and go to the Hardware menu. |

## 2.2 Buttons and Other Controls on the Screen

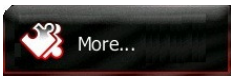
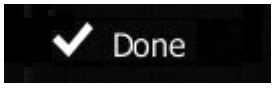
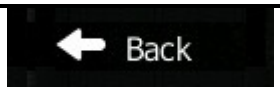
When you are using the software, you usually tap buttons on the touch screen.

You only need to confirm selections or changes if the application needs to restart, it needs to perform a major reconfiguration, or you are about to lose some of your data or settings. Otherwise, the software saves your selections and applies the new settings without confirmation as soon as you use the controls.

| TYPE | EXAMPLE | DESCRIPTION | HOW IT WORKS |
|---|---|---|---|
| **Button** |  | Tap it to initiate a function, to open a new screen, or to set a parameter. | Tap it once |
| **Button with value** | | Some buttons display the current value of a field or setting. Tap the button to change the value. After the change, the new value is shown on the button. | Tap to change value. |
| **Icon** | | Shows status or information. | Some icons function as buttons. Tap to change |
| **List** | | Displayed when Several options are available. | List can be moved by sliding finger tip up and down the screen until the list ends or using the & to move between pages. Tap on the required selection and then the conformation button if required. |
| **Radio Button** | | When there are only a few choices, radio buttons may be used instead of lists. Only one value can be selected | Tap one of the buttons to select the new value. |
| **Switch** | | When there are only two choices, a checkmark shows whether the feature is enabled. | Tap it to turn the switch on or off. |
| **Slider** | | When a feature can be set to different values in a range, the software shows an indicator on a gauge that displays and sets the value. | Drag the handle to move the slider to its new position.<br><br>Tap the slider where you want the handle to appear; the thumb jumps there. |
| **Virtual Keyboard** | | Alphabetic and alphanumeric keyboards to enter text and numbers. | Each key is a touch screen button.<br><br>Only available letters or numbers will be available to touch |

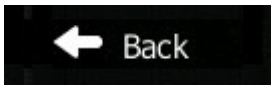
## 2.2.1 Using Keyboards

You only need to enter letters or numbers when you cannot avoid it. You can type with your fingertips on the full-screen keyboards and you can switch between various keyboard layouts, for example English, Greek or numerical.

| TASK | INSTRUCTION |
|---|---|
| Switching to another keyboard layout, for example from an English keyboard to a Greek keyboard | Tap the   button and select the new keyboard layout from the list. |
| Correcting your entry on the keyboard | Tap to remove the unneeded character(s). Tap and hold the button to delete several characters or the entire input string. |
| Entering a space, for example between a first name and a family name or in multi-word street names | Tap the button at the bottom centre of the screen. |
| Entering numbers and symbols | Tap to switch to a keyboard offering numeric and symbol characters. |
| Finalising the keyboard entry (accepting the suggested search result) | Tap |
| Finalising the keyboard entry (opening the list of search results) | Tap |
| Finalising the keyboard entry (saving your input) | Tap   |
| Cancelling the keyboard entry (returning to the previous screen) | Tap   |

## 2.2.2 Beyond Single Screen Taps

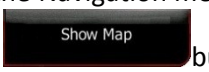
You usually need to tap the screen only once. However, some useful features can be accessed with combined touch screen tapping. Those are the following:

| ACTION | DETAILS |
|---|---|
| Tapping and holding the screen | Tap and keep pressing the following buttons to reach extra functions:<br>• Tap and hold  on list and menu screens: the Map screen appears.<br>• Tap and hold any of the and buttons on the Map screen: you can rotate, tilt or scale the map continuously.<br>• Tap and hold on keyboard screens: you can delete several characters quickly.<br>• Tap and hold or in long lists: you can scroll pages continuously. |
| Gestures (drag & drop) | You need to drag and drop the screen only in cases like:<br>• Moving the handle on a slider.<br>• Scrolling the list: grab the list anywhere and slide your finger up or down. Depending on the speed of the sliding, the list will scroll fast or slow, only a bit or till the end.<br>• Moving the map in map browsing mode: grab the map, and move it in the desired direction. |

## 2.3 Map Screen

### 2.3.1 Navigating On The Map

The Map screen is the most frequently used screen of the software.

A small live map is displayed on the start-up screen, the Navigation menu, as a part of the 

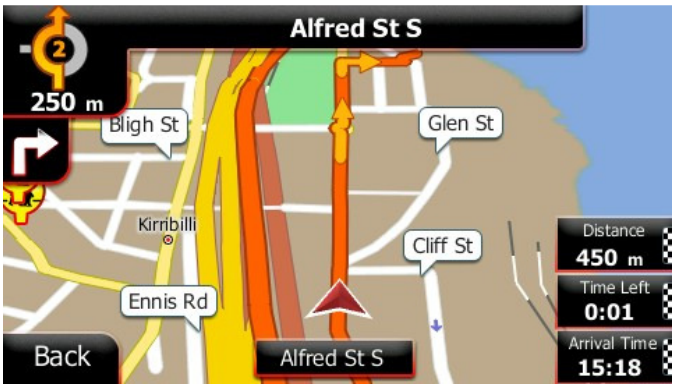
button. Tap anywhere in this area to show the Main Map screen.

This map shows the current position (the Vehimarker, a red arrow by default), the recommended route (an orange line), and the surrounding map area.

When there is no GPS position, the Vehimarker is transparent. It shows your last known position.

You see coloured dots circling around a satellite symbol in the top left corner. The more green dots you see, the closer you are to get the valid GPS position.

When GPS position is available, the Vehimarker is displayed in full colour, now showing your current position.




There are screen buttons and data fields on the screen to help you navigate. During navigation, the screen shows route information.

By default, only one data field is displayed in the bottom right corner. Tap this field to see all route data fields.

Default data fields when cruising without a destination (tap and hold any of the fields to change its value):

| FIELD | DESCRIPTION |
|---|---|
| Speed<br>**61** km/h | Shows your current speed given by the GPS receiver. |
| Speed Limit<br>**70** km/h | Shows the speed limit of the current road if the map contains it. |
| Time<br>**17:11** | Shows the current time corrected with time zone offset. The accurate time comes from the GPS satellites, and the time zone information comes from the map or it can be set manually in Regional settings.<br>(The current time is always displayed in the top left corner of menu screens.) |

Default data fields when navigating a route (tap and hold any of the fields to change its value):

| FIELD | DESCRIPTION |
|---|---|
| Distance<br>**16.9** km | Shows the distance you need to travel on the route before reaching your final destination. |
| Time Left<br>**0:16** | Shows the time needed to reach the final destination of the route based on information available for the remaining segments of the route.<br><br>However, the Navig8r is not able to take in to account external factors and this is an estimated time only. |
| Arrival Time<br>**17:22** | Shows the estimated arrival time at the final destination of the route based on information available for the remaining segments of the route.<br><br>However, the Navig8r is not able to take in to account external factors and this is an estimated time only. |

## 2.3.2 Position Markers

### 2.3.2.1 Vehimarker and Lock-On-Road

When your GPS position is available, the software marks your current position with the Vehimarker. By default, this marker is a blue arrow, but you can change this icon in Settings.
The exact location of the Vehimarker depends on the vehicle type used for route calculation. The vehicle type can be selected in Route settings.

If you choose pedestrian: The Vehimarker is at your exact GPS position. The direction of the icon shows your current heading.

If you choose any of the vehicles: The Vehimarker may not show your exact GPS position and heading. If roads are near, it is aligned to the nearest road to suppress GPS position errors, and the direction of the icon is aligned to the direction of the road.

### 2.3.2.2 Selected Map Location (Cursor)

You can mark a map location in the following ways:

- Tap the map when navigating,
- Tap the map when you are asked to confirm the destination at the end of a search, or
- Tap the map in Find on Map (page **47**)

When a map location is selected, the Cursor appears at the selected point on the map. The Cursor is displayed with a radiating red dot ( ) to make it visible at all zoom levels.
The location of the Cursor can be used as the destination of the route, you can search for Places around it, or you can save this location as one of your Favourite destinations.

## 2.3.3 Objects on the Map

### 2.3.3.1 Streets and Roads

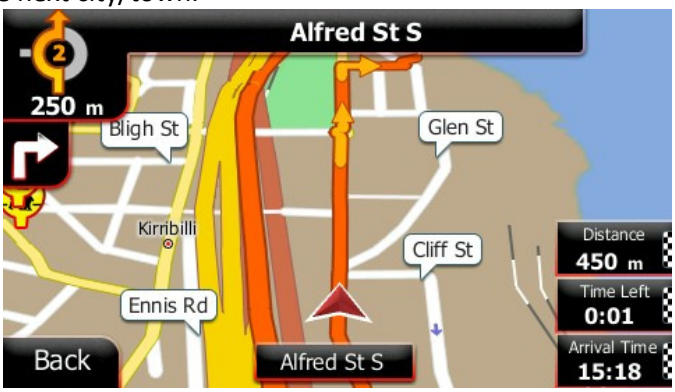
The software shows the streets in a way that is similar to how the paper road maps show them. Their width and colours correspond to their importance: you can easily tell a motorway from a small street.

### 2.3.3.2 Turn Preview and Next Street

When navigating a route, the top section of the Map screen shows information about the next route event (manoeuvre) and the next street or the next city/town.

There is a field in the top left corner that displays the next manoeuvre. Both the type of the event (turn, roundabout, exiting motorway, etc.) and its distance from the current position are displayed.

A smaller icon shows the type of the second next manoeuvre if it is near the first one. Otherwise, only the next manoeuvre is displayed.

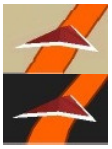



Most of these icons are very intuitive. The following table lists just some of the frequently shown route events. The same symbols are used in both fields:

| ICON | DESCRIPTION | ICON | DESCRIPTION |
|---|---|---|---|
| | Turn left. | | Enter roundabout (second next manoeuvre) |
| | Turn right. | | Enter motorway. |
| | Turn back. | | Exit motorway. |
| | Bear right. | | Board ferry. |
| | Turn sharp left. | | Leave ferry. |
| | Keep left. | | Approaching a waypoint. |
| | Continue straight in the intersection. | | Approaching the destination. |
| | Go left on the roundabout, 3rd exit (next manoeuvre). | | |

## 2.3.3.3 Elements of Active Route

Your Navig8r shows the route in the following way:

| SYMBOL | NAME | DESCRIPTION |
|---|---|---|
| | Current GPS position and Start point | Your current position displayed on the map.<br>In pedestrian mode it is the exact GPS position.<br>If a vehicle is selected for route calculation and roads are near, the symbol is snapped onto the nearest road.<br>Normally if GPS position is available, the route starts from the current position. If there is no valid GPS position, your software uses the last known position as the start point. |
| | Waypoint (intermediate destination) | An intermediate destination of the route before reaching the final destination. |
| | Destination (end point) | The final destination of the route. |
|  | Route colour | The route always stands out with its colour on the map, both in daytime and in night colour mode. |
| | Streets and roads that are excluded from the navigation | You can choose whether you want to use or avoid certain road types (pageXX). However, when your software cannot avoid such roads, the route will include them and it will show them in a colour that is different from the route colour. |

## 2.3.4 Manipulating the Map

Tap the map anywhere to browse it during navigation. The map stops following the current position (the Vehimarker, a red arrow by default, is not locked in a fix position on the screen any more) and control buttons appear to help you modify the map view.

| ACTION | BUTTON(S) | DESCRIPTION |
|---|---|---|
| Moving the map with drag & drop | No buttons | You can move the map in any direction: tap and hold the map, and move your finger towards the direction you want to move the map. |
| Zooming in and out | + , − | Changes how much of the map is displayed on the screen.<br>Your software uses high-quality vector maps that let you examine the map at various zoom levels, always with optimised content. It always displays street names and other text with the same font size, never upside-down, and you only see the streets and objects that you need.<br>Map scaling has a limit in 3D map view mode. If you zoom out further, the map switches to 2D view mode.<br>Tap the button once to modify the view in large steps, or tap and hold the button to modify it continuously and smoothly. |
| Tilting up and down | ↑ , ↓ | Changes the vertical view angle of the map in 3D mode.<br>Tap the button once to modify the view in large steps, or tap and hold the button to modify it continuously and smoothly. |
| Rotating left and right | → , ← | Changes the horizontal view angle of the map.<br>Tap the button once to modify the view in large steps, or tap and hold the button to modify it continuously and smoothly. |

| | | |
|---|---|---|
| 2D or 3D view | | Tap this button to switch between the 3D perspective and 2D top-down map view modes. |
| Compass in 2D map view mode | | The direction of the compass shows North. Tap the button to switch to North-up view, and then tap again to rotate the map in the previous direction. |
| Compass in 3D map view mode | | The direction of the compass shows North. Tap the button to switch to North-up view, and then tap again to rotate the map in the previous direction. |
| Location information | | Tap this button to open a new screen with information about the selected map point, the Cursor. |
| Return to normal navigation | | Tap this button to move the map back to follow the current GPS position. Automatic map rotation is also re-enabled.<br>The map manipulation buttons disappear and navigation continues. |
| Additional options | | Tap this button to open a list of additional features like saving the Cursor as a Favourite destination, or searching for Places around the Cursor. |
| Select destination | | Tap this button to select the Cursor as a new destination. The route is automatically calculated. |

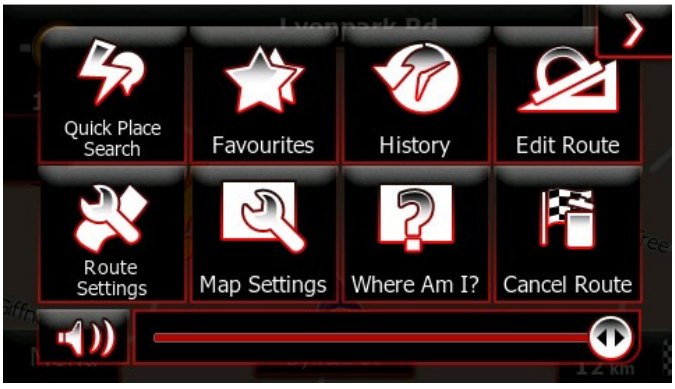
## 2.3.5 Quick Menu

The Quick menu is a selection of controls and functions that are frequently needed during navigation. It can be opened directly from the Map screen by tapping the icon.

The menu will close after a few seconds of inactivity or if you tap .

The menu will also close if you initiate simple controls like muting the device. In other cases tapping a button will open a new screen with options.

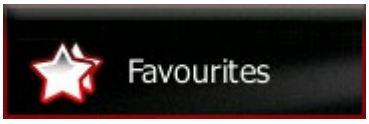
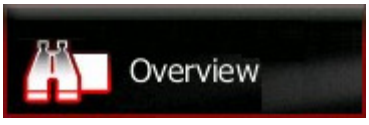
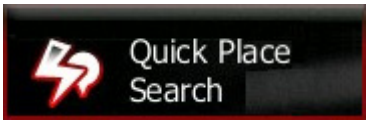
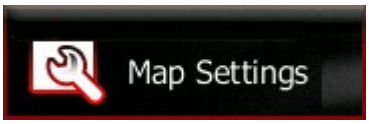
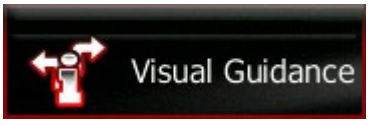
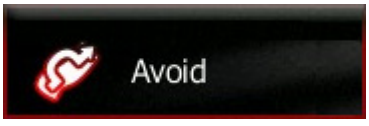
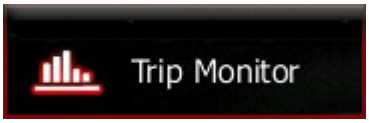
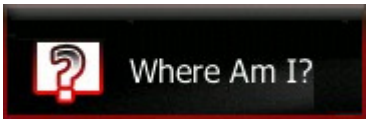
Most of these functions are shortcuts. They are accessible from the menu system. See below for details.



The buttons and their functions on this screen are the following:

| BUTTON | DESCRIPTION | SHORTCUT FOR |
|---|---|---|
| | Tap this button to return to the Map screen. | n/a |
| Master Volume slider | Adjusts the sound volume of the device. All sounds of the application are affected.<br>The loudness of your software is independent of your device settings. When you exit navigation, the device default settings return. | More / Settings / Sound and Warnings / Volume / Master slider |
| | Use the switch to mute all sounds of the device and then to re-enable them again. | More / Settings / Sound and Warnings / Volume / Master switch |
| | Tap this button to search for a Place along your route or around your current location if there is no route calculated. | Find / Find Places / Quick Search |
| | Tap this button to select one of your Favourite destinations. | Find / Favourite |
| | Tap this button to select one of your previous destinations in the History list. | Find / History |
| | Tap this button to edit the route. | My Route / Edit Route |
| | Tap this button to change route related settings. | More / Settings / Route Settings |
| | Tap this button to change map related settings. | More / Settings / Map Settings |
| | This button opens a special screen with information about the current position and a button to search for nearby emergency or roadside assistance. | n/a |
| | Tap this button to cancel the route and stop navigating. This button is available when only one destination is given. | My Route / Cancel Route |
| | Tap this button to skip the next waypoint from the route. This button replaces the previous one if more destinations are given. | n/a |

In Settings, you can replace the buttons of the Quick menu to other functions. The following options are available:

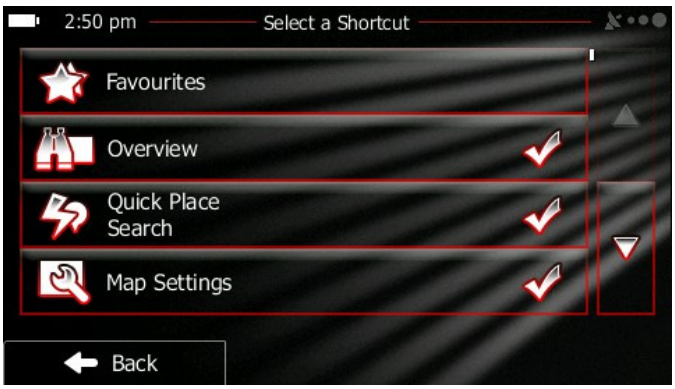
| BUTTON | DESCRIPTION | SHORTCUT FOR |
|---|---|---|
|  | Displays a list of addresses that been saved as favourites. | Find/Favourites |
|  | This function opens a 2D map scaled and positioned to show the entire route. | My Route / Overview |
|  | With this function you can search for Places of Interest in various different ways. | Find / Find Places |
|  | Change the way the map screen and the type of information is displayed | More / Settings / Map settings |
|  | This function opens the Visual Guidance settings screen. | More / Settings / Visual Guidance |
|  | This function lets you bypass parts of the recommended route. | My Route / Avoidances |
| | Cancel current route or remove a waypoint from trip. | My Route / Cancel Route |
|  | This function opens the Trip Monitor screen where you can manage your previously saved trip logs and track logs. | More / Trip Monitor |
|  | Displays information about current location. | N/A |
| | Create or Edit a route | My Route/Create Route |
| | This function opens the list of manoeuvres (the itinerary). | Tap the top of the Map screen during navigation. |

| | | |
|---|---|---|
| Vehicle Profile | Adjust the type of vehicle being driven so routes are calculated accordingly. | More / Settings / Route Settings / Vehicle |
| Save Route | Save the current route for later use. | More / My Route / More / Save Route. |
| Load Route | Load a saved route | More / My Route / More / Load Route. |
| History | Displays the destination history | Find / History |
| Route Settings | Change the way the software calculates the route | More / Settings ?route Settings |
| Find Places | With this function you can search for Places of Interest in various different ways. | Find / Find Places |
| Simulate Navigation | This function opens the Map screen and starts simulating the active route. | My Route / More / Simulate Navigation |
| GPS Info | This function opens the GPS Information screen with satellite position and signal strength information. | Tap the top of the Map screen when there is no GPS reception |
| Configure Driving Timers | Set the time allowed commercial drivers can drive so warnings can be issued if exceeded. | More / Settings/ Driving time management |

When selecting the options to populate the Quick Menu, those options that are already used will be denoted with a tick.

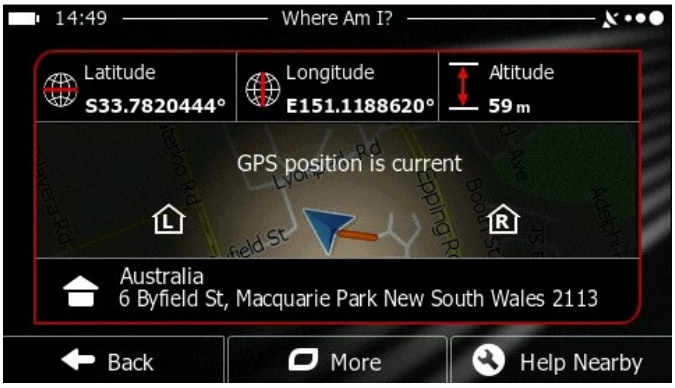
Only one occurrence of each can be displayed.

Please tap the Back button to return to the previous screen



## 2.3.6 Checking the Details of the Current Position (Where Am I?)

Opened from the Quick menu, this screen contains information about the current position (or about the last known position if GPS reception is not available) and a button to search for useful Places nearby.




**Information on this screen:**

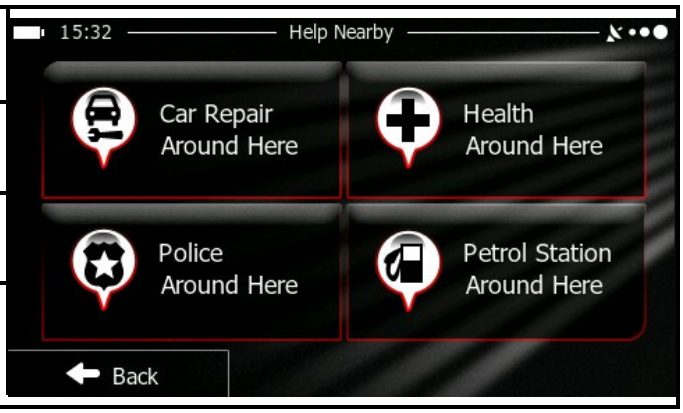
| ICON | DESCRIPTION |
|---|---|
| | Displays the current Latitude position (WGS84 format) |
| | Displays the current Longitude position (WGS84 format) |
| | Altitude (elevation information coming from the GPS receiver - often inaccurate) |
| | Displays the current known house number on the right |
| | Displays the current known house number on the left |
| | Address details (when available) of the current position are also displayed at the bottom. |
| | In the middle of the screen you can see whether the position is current, or the time left since it was last updated. |

**You can also**

| | |
|---|---|
| | Returns you to the previous screen |
| | Tap to save current position as a Favourite |
| | Tap to find Quick Search for nearby services. |

The following services can be searched around the current position or the last known position:

| | |
|---|---|
| | Tap to display the nearest car repair centres |
| | Tap to display the nearest Medical and Emergency services |
| | Tap to display the nearest police stations |
| | Tap to display the nearest fuel filling stations. |




Tap any of the buttons, select a Place from the list, and navigate to it.

# 3. Navigation

You can set up your route in different ways:

- If you need a route for immediate navigation, you can select the destination and start navigating to it right away (normal navigation).
- You can also plan a route independently of your current GPS position or even without GPS reception (to achieve this, you need to turn off the GPS receiver and set a new starting point in My Route / Edit Route by tapping the flag icon at the current position).

You can plan routes with multiple destinations. Select the first destination. Then select a second destination ad add it to your route to create a multi-point route. You can add as many destinations to your route as you like.

## 3.1 Selecting the Destination of A Route

The software offers you several ways of choosing your destination:

- Enter a full address or a part of an address, for example a street name without a house number or the names of two intersecting streets.
- Enter an address with postal code. This way you do not need to select the name of the settlement and the search for street names might be faster as well.
- Use a built-in Place of Interest as your destination.
- Select a location on the map with the Find on Map feature.
- Use a previously saved Favourite destination.
- Select a location from the History of previously used destinations.
- Enter the coordinate of the destination.
- Use the location where a photo was taken.

## 3.1.1 Entering an Address or a Part of the Address

If you know at least a part of the address, it is the quickest way to select the destination of the route.

Using the same screen, you can find an address by entering:

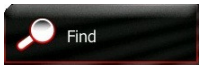
- the exact address, including house number
- the centre of a city/town
- an intersection
- the midpoint of a street
- any of the above, starting the search with the postal code

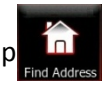
### 3.1.1.1 Entering an Address

To enter an address as the destination, do as follows

1. If you are in the map screen tap

to return to the Navigation Menu.

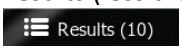
2. In the Navigation menu tap 

and then tap 

.

3. Tap the **Country** button to select the State your destination is in or to change between Australia and New Zealand.

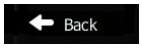
- Using the Keyboard

The Key pad will only show the available letters or numbers in any selection. The number will reduce after each additional letter or number has been typed in.
The number of available results (less than 300) is displayed on the 

button. Tap 123/QWE to toggle between alpha/numeric keyboards.

Tap

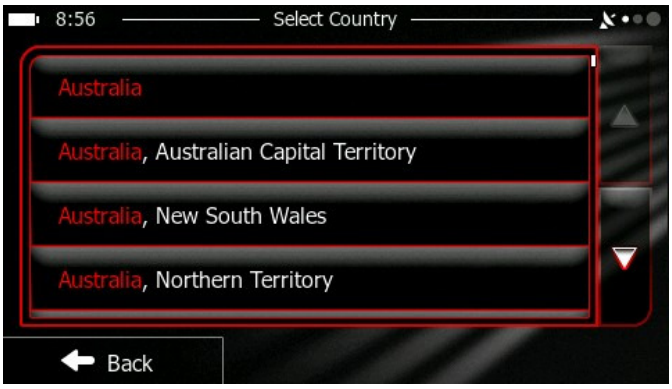
to display the keyboard layout options. Style included QWERTY, ABC and others.

Tap 

at any time to return to the previous screen.

Tap the , or the button to scroll through the selection.
Tap on the required county or state

Tap Back at any time to return to the previous screen.

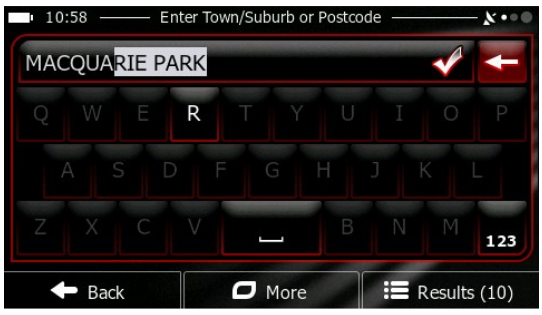


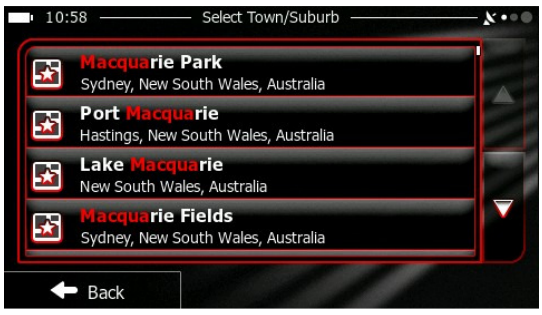

**4.** Select the town or suburb

**a.** Tap the T**own/Suburb** button to enter the town or suburb of your destination. Your current location or the last know GPS location is displayed by default.

**b.** Use the keyboard to enter the name of the suburb or town. As above only the available letters are active on the keyboard. The available key will change after each letter is selected.

- If the correct suburb name is shown tap to continue.
- Tap Results (10) to display the results and select from the list.
- Tap Back at any time to return to the previous screen.



1. Enter the street Name.

    a. Tap Street

    b. Start entering the Street name on the keyboard. Use the keyboard to enter the name of the suburb or town. As above only the available letters are active on the keyboard. The available key will change after each letter is selected.

    - The most likely street name is always shown in the input field. To accept, tap to continue.
    - Tap

to display the results and select from the list.
    - Tap

at any time to return to the previous screen.

2. Enter the house number

    a. Tap Street Number

    b. Enter the house number. If a letter is required tap 

to change to the alpha keyboard. Only numbers available in the chosen street can be entered.

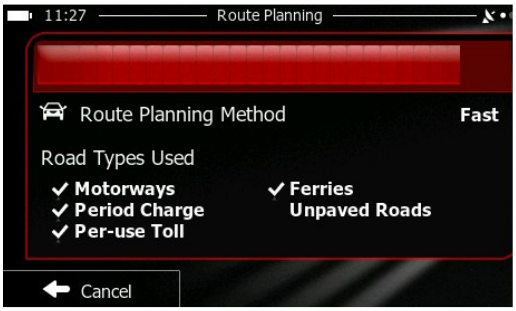
    c. Tap

to finish entering the address. (If the entered house number cannot be found, the midpoint of the street is selected as the destination.)

**3.** A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) will appear at the new location.

Tap Next to confirm the destination or tap Back to select a new destination.

**4.** After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated



Tap More to modify the route parameters or tap Go! (4) to start you're your journey.

## *TIP!*

- If you know that you will use the destination frequently, before tapping Next to confirm the destination, tap More and then Add to Favourites. You can rename the new Favourite and then tap Done to save the location. The map destination returns automatically. You can now start your journey.

- Navigation will automatically commence after 10 seconds if the screen is not tapped. Use the +, and − buttons to zoom the map in or out to see the route in detail.

## 3.1.1.2 Entering the Midpoint of a Street as the Destination

You can navigate to the midpoint of a street if the house number is not available:

1. Follow steps laid out in **Entering an Address** and enter the suburb and the street address.
2. Instead of entering a house number tap the

button,
3. A full screen map showing the centre of the street will be displayed. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap

to confirm the destination or tap

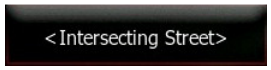
to select a new destination.
4. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.
5. Tap

to modify the route parameters or tap

to start your journey.

## 3.1.1.3 Selecting an Intersection as the Destination

You can also enter an intersection as the destination:

1. Follow steps laid out in Entering an Address and enter the suburb and the street address.
2. Instead of entering a house number tap the 

button. (This option is only available if the selected street is intersected by another road.)
3. Enter name of the street. Only streets that intersect the first street can be selected.
4. A full screen map showing the centre of the street will be displayed. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap

to confirm the destination or tap

to select a new destination.
5. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.
6. Tap

to modify the route parameters or tap

to start your journey.

## 3.1.1.4 Selecting a City/Town Centre as the Destination

The centre of a town or suburb can also be selected:

1. Follow steps laid out in Entering an Address and enter the suburb.
2. Enter name of the Town or suburb to be used as the destination and tap .
3. Instead of selecting a street address tap the

button. (This option will not be available if a street has been selected as a destination.
4. A full screen map showing the centre of the street will be displayed. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap

to confirm the destination or tap

to select a new destination.
5. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.
6. Tap

to modify the route parameters or tap

to start your journey.

## 3.1.1.5 Entering an Address with a Postal Code

Postcodes can also be used as a search option

1. Follow steps laid out in 3.1.1.1 to enter the suburb.
2. Tap the 123 button to change to the numeric keypad and enter the postcode of the suburb or area.
   - The most likely postal code is always shown in the input field. To accept, tap .
   - Tap the

after entering a number to display the list of the remaining possible postcodes. Tap the , or the button to scroll through the selection and tap on the correct postcode
3. Select the Street and house number as described earlier.

4. A full screen map showing the centre of the street will be displayed. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap

to confirm the destination or tap

to select a new destination.

5. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

6. Tap

to modify the route parameters or tap

to start your journey.

## 3.1.1.6 Tips on Entering Addresses Quickly

- When you are entering the name of a city/town or a street:
  - Only letters that are in possible search results are offered on the keyboard. All other characters are greyed out.
  - As you are typing, the most likely result is always displayed in the input field. If the guess is correct, tap to select it.
  - After entering a couple of letters, tap

to list the items that contain the specified letters.
- You can speed up finding an intersection:
  - Search first for the street with a less common or less usual name; fewer letters are enough to find it.
  - If one of the streets is shorter, search for that one first. The second street will be found faster.
- You can search for both the type and the name of a road. If the same word appears in several names, for example in the name of streets, roads and avenues, you can obtain the result faster if you enter the first letter of the street type: For example, enter 'PI *[space]* A' to obtain Pine Avenue and skip all Pine Streets and Pickwick Roads.
- You can also search in postal codes. As postal codes consist of only a few characters, this is usually faster than entering the name of the city/town. Postcode searches also help in cases of *"Preferred Suburbs"* and actual suburbs when looking for addresses.

## 3.1.2 Selecting the Destination from the Places of Interest

You can select your destination from the Places of Interest included with your software.

Using the same screen, you can find a Place in different ways:

- with the Quick search feature, you can quickly find a nearby Place by its name
- with the Preset search feature, you can find frequently searched types of Places with only a few screen taps
- you can search for a Place by its category
- you can search for a Place by its name

In addition, you can search for special services from the 'Where Am I?' screen.

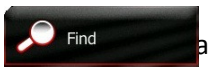
### 3.1.2.1 Quick Search for a Place of Interest

The Quick search feature lets you quickly find a Place by its name. The search is always carried out

- Along the recommended route if it exists or
- Around your current location if there is no destination given.

1. Start the Quick search function:

- If you are in the map screen tap and t p . .

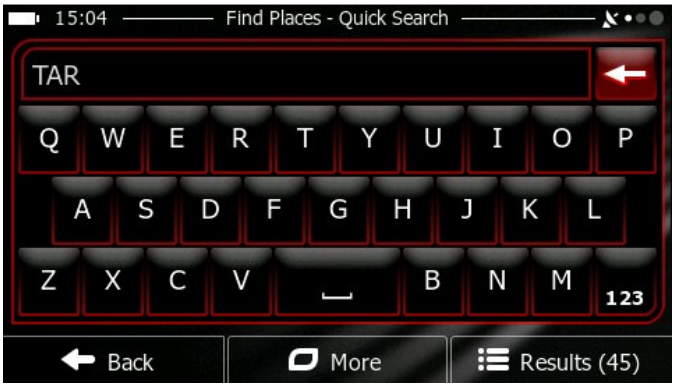
- From the Navigation menu, tap 

and the


2. Using the keyboard, start entering the name of the place you are looking for.

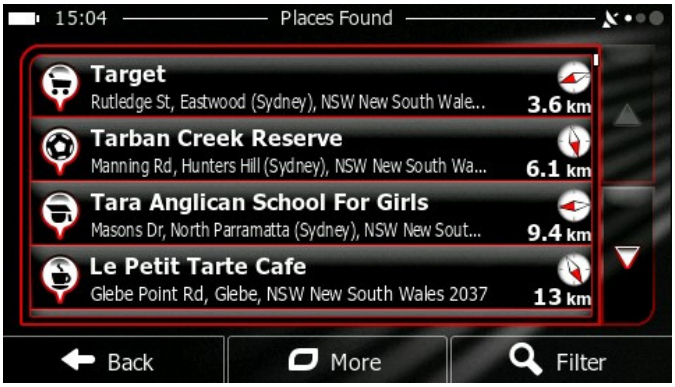
3. After entering a few letters tap

To open the list of places with name containing the entered characters.



4. The Places in the list are ordered by the length of the necessary detour (when navigating a route) or by their distance from the current position (when no Destination is given).

To reorder the list tap the More button.




5. Tap the , or the button to scroll through the selection and then tap the required place. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

6. Tap to see the details of the selected Place (if included). Tap Back to return to the map.

7. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap Next to confirm the destination or tap Back to select a new destination.

8. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

9. Tap More to modify the route parameters or tap Go! (4) to start your journey.

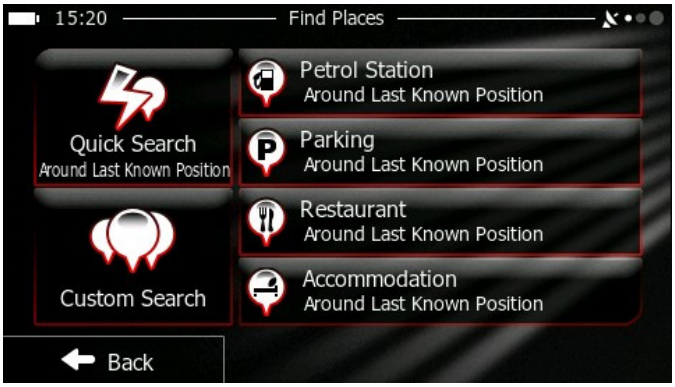
## 3.1.2.2 Searching for a Place of Interest Using Preset Categories

The Preset search feature lets you quickly find the most frequently selected types of Places.

1. If you are on the Map screen, tap Menu to return to the Navigation menu.

2. In the Navigation menu, tap Find and then Find Places .

**3.** Preset search categories are displayed.




Please select form the following.

- If an active route exists
- If there is no active route (destination is not selected), they are searched around the current position
- If the current position is not available either (no GPS signal), they are searched around the last known position

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- If an active route exists
- If there is no active route (destination is not selected), they are searched around the current position
- If the current position is not available either (no GPS signal), they are searched around the last known position

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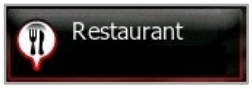


- If an active route exists
- If there is no active route (destination is not selected), they are searched around the current position
- If the current position is not available either (no GPS signal), they are searched around the last known position

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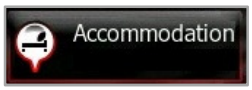
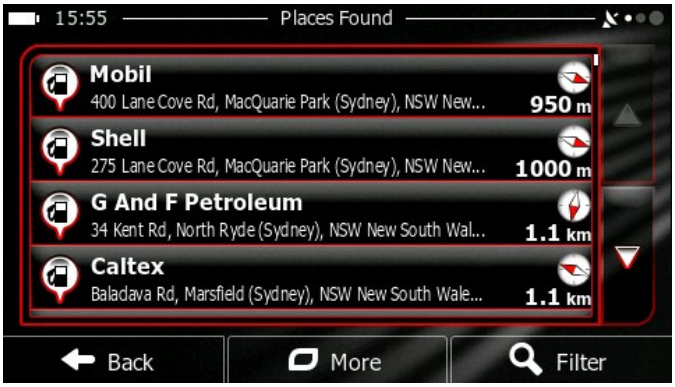



- If an active route exists
- If there is no active route (destination is not selected), they are searched around the current position
- If the current position is not available either (no GPS signal), they are searched around the last known position

4. The Places in the list are ordered by the length of the necessary detour (when navigating a route) or by their distance from the current position (when no Destination is given).

   To reorder the list tap the More button.




5. Tap the , or the button to scroll through the selection and then tap the required place. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

6. Tap to see the details of the selected Place (if included). Tap return Back to the map.

7. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap Next to confirm the destination or tap Back to select a new destination.

8. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

9. Tap More to modify the route parameters or tap Go! (4) to start your journey.

## 3.1.2.3 Searching for a Place of Interest by Category

You can search for Places of Interest by their categories and subcategories.

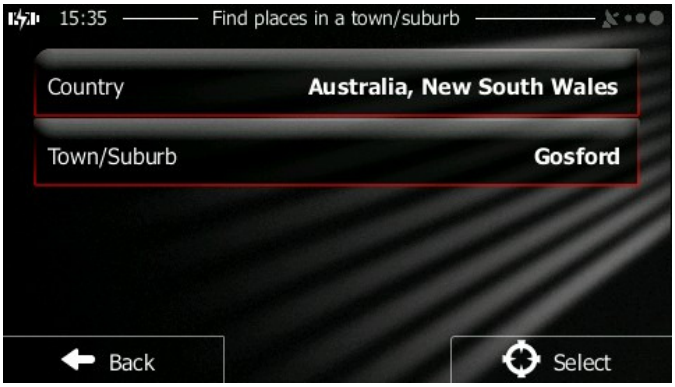
1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap Find then Find Places and then Custom Search
3. Select the area around which the Place should be searched for:

Tap the options as required.

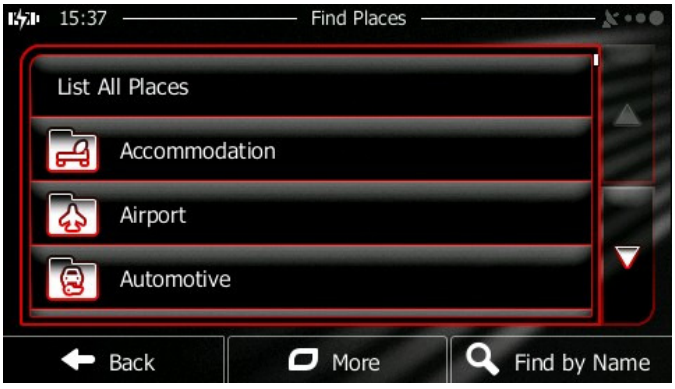
Tap Back at any time to return to the previous screen

| | |
|---|---|
| Around Here | To search around the current position or if it is not available, around the last know position. (The result list will be ordered by the distance from this position.) |
| In a Town/ Suburb | To search for a place within a selected Town/Suburb. (The result list will be ordered by the distance from the centre of the selected city/town.) |
| Around Destination | To search for a place around the destination of the active route. (The result list will be ordered by the distance from the destination.) |
| Along Route | To search along the active route, and not around a given point. This is useful when you search for a later stopover that may result in a minimal detour only, such as searching for upcoming petrol stations or restaurants. (The result list will be ordered by the length of the necessary detour.) |

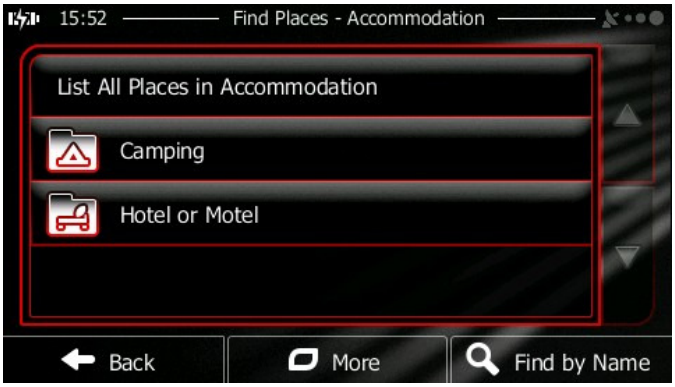
**4.** If you have selected "**in a town/ Suburb**" option, enter the town or suburb as described earlier to search in.



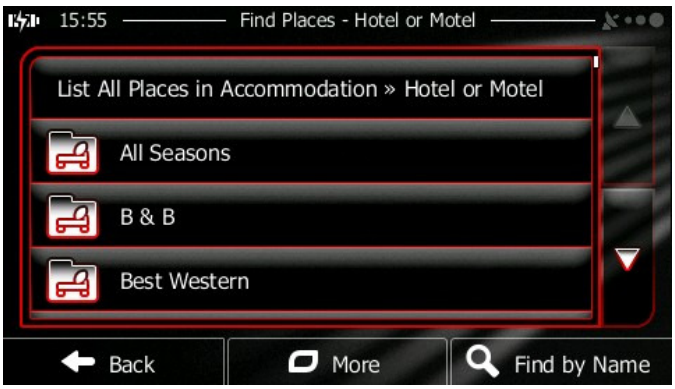

**5.** Select one of the main Place categories (POI) (e.g. Accommodation) or tap "List All Places" to list all Places around the selected location or along the route.



6. Select one of the Place subcategories (e.g. **Hotel** or **Motel**) or tap "**List All Places"** to list all Places in the selected main category around the selected location or along the route.

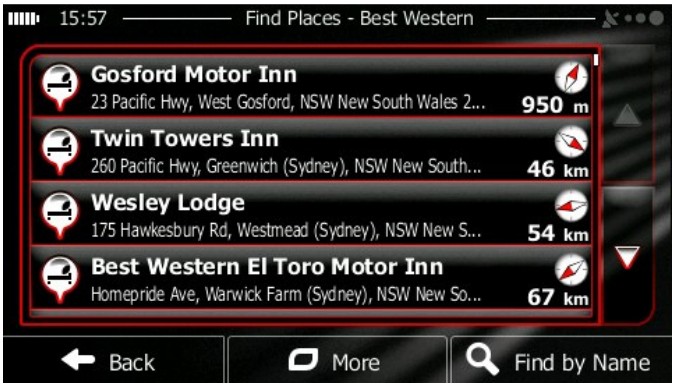



7. Sometimes the list of brands in the selected Place subcategory appears. Select one brand or tap "**List All Places**" to list all Places in the selected subcategory around the selected location or along the route.




8. Finally, the results appear in a list.
9. The Places in the list are ordered by their distance from the current or last known position, from the selected city/town, from the destination or by the length of the necessary detour.

   To reorder the list tap the More button.




10. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.
11. Tap to see the details of the selected Place (if included). Tap Back to return to the map.
12. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap Next to confirm the destination or tap Back to select a new destination.
13. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

14. Tap

to modify the route parameters or tap

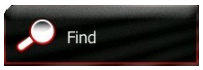
to start your journey.

## 3.1.2.4 Searching for a Place of Interest by Name

You can search for Places of Interest by their names. You can search around different locations or along your route in the whole Place database or in one Place category or subcategory only.

1. If you are on the Map screen, tap

to return to the Navigation menu.

2. In the Navigation menu, tap 

then

and then


3. Select the area around which the Place should be searched for:

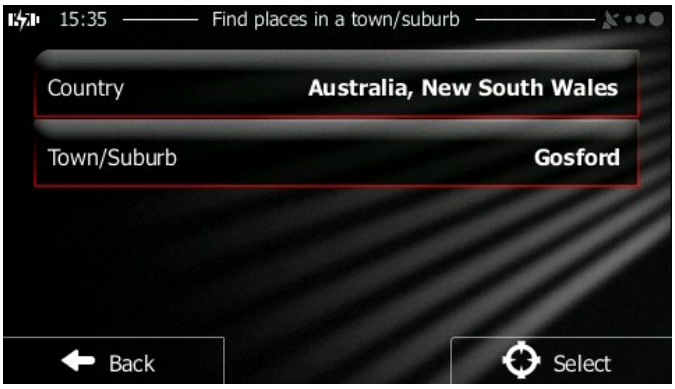
Tap the options as required.

Tap

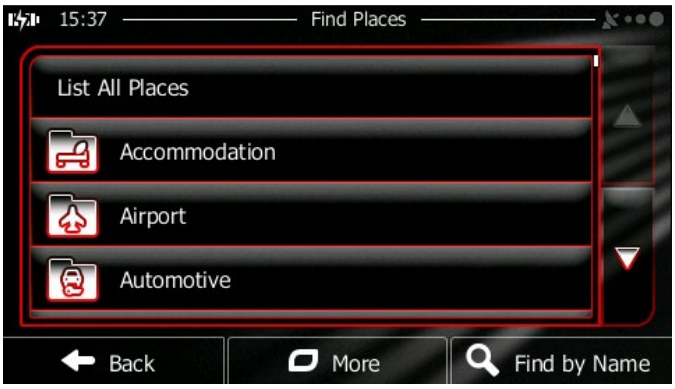
at any time to return to the previous screen

| | |
|---|---|
| | To search around the current position or if it is not available, around the last know position. (The result list will be ordered by the distance from this position.) |
| | To search for a place within a selected Town/Suburb. (The result list will be ordered by the distance from the centre of the selected city/town.) |
| | To search for a place around the destination of the active route. (The result list will be ordered by the distance from the destination.) |
| | To search along the active route, and not around a given point. This is useful when you search for a later stopover that may result in a minimal detour only, such as searching for upcoming petrol stations or restaurants. (The result list will be ordered by the length of the necessary detour.) |

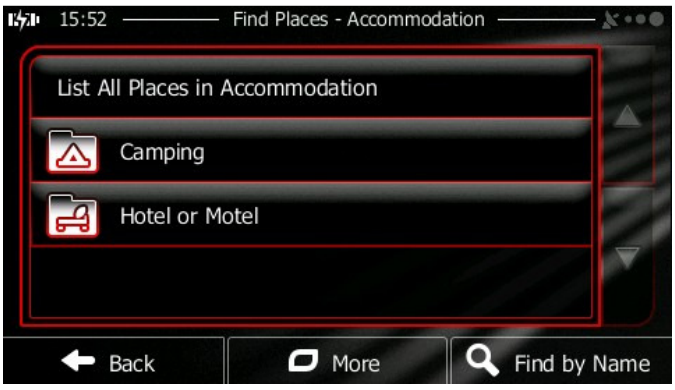
**4.** If you have selected “in a town/ Suburb” option, enter the town or suburb as described earlier to search in.



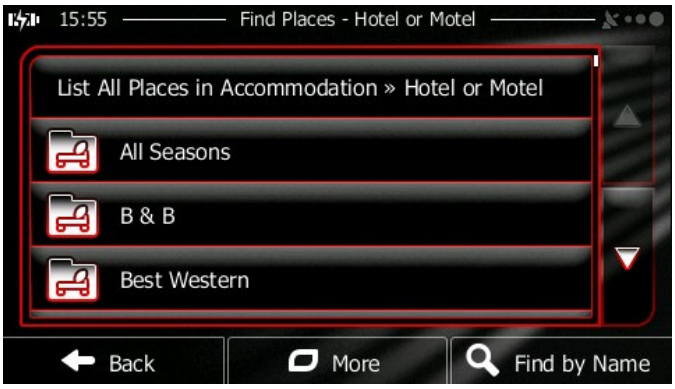

**5.** Tap the Find by Name button to search in all Places, or select one of the main place categories (e.g. Accommodation) to search in.




**6.** Tap the Find by Name button to search in the selected Place category or select one of the Place subcategories (e.g. Hotel or Motel) to search in.




**7.** Tap Find by Name if you have not done it before



**8.** Using the keyboard, start entering the name of the Place.

**9.** After entering a few letters, tap to Results open the list of Places with names containing the entered character sequence.

**10.** The Places in the list are ordered by their distance from the current or last known position, from the selected city/town, from the destination or by the length of the necessary detour. To reorder the list, tap the More button.

**11.** Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

**12.** Tap to see the details of the selected Place (if included). Tap Back to return to the map.

**13.** If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap Next to confirm the destination or tap Back to select a new destination.

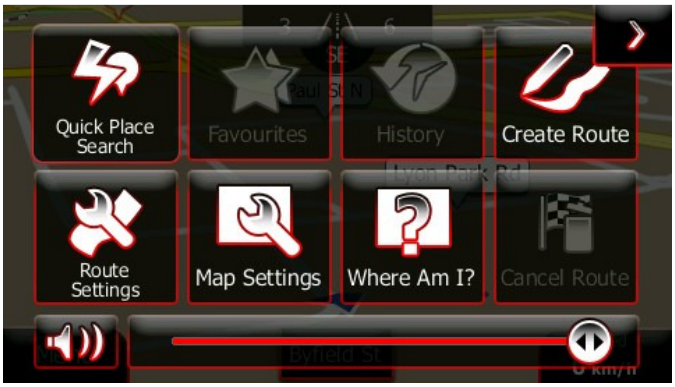
**14.** After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

**15.** Tap More to modify the route parameters or tap Go! (4) to start your journey.

## 3.1.2.5 Selecting Nearby Assistance from 'Where Am I?'

You can quickly search for nearby assistance from the 'Where Am I?' screen.

1. On the Map screen, tap to open the Quick menu.
2. Tap "**Where Am I?"** and then



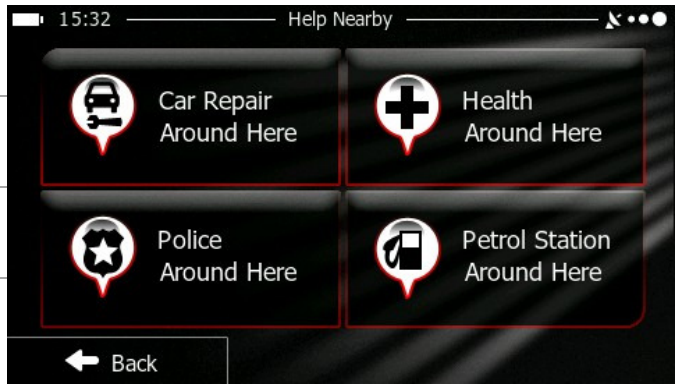

3. Preset search categories appear, all for searching around the current position (or around the last known position if the current position is not available):

Tap to display the nearest car repair centres

Tap to display the nearest Medical and Emergency services

Tap to display the nearest police stations

Tap to display the nearest fuel filling stations.

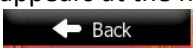



4. Tap any of the quick search buttons to get an instant list of that type of Place.

5. The Places in the list are ordered by their distance from the current or last known position, from the selected city/town, from the destination or by the length of the necessary detour. To reorder the list, tap the button.

6. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

7. Tap to see the details of the selected Place (if included). Tap to return to the map.

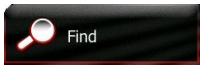
8. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap to confirm the destination or tap  to select a new destination.

9. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

10. Tap to modify the route parameters or tap to start your journey.

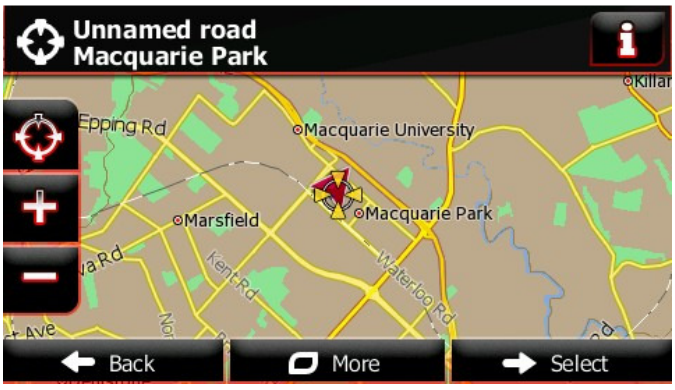
## 3.1.3 Selecting a Map Location as the Destination

1. If you are on the Map screen, tap to return to the Navigation menu.

2. In the Navigation menu, tap  then

3. The map is displayed showing your or you last known location.

4. Locate your destination on the map: move and scale the map as needed




5. Tap the location that you want to select as your destination. The Cursor ( ) appears. The details in the top bar will automatically update to the selected location.

6. Tap to select the Cursor as the destination.

7. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

8. Tap

to modify the route parameters or tap

to start your journey.

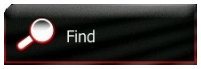
## 3.1.4 Selecting the Destination from your Favourites

You can select a location that you have already saved as a Favourite to be your destination. Adding a location to the list of Favourite destinations is described later in this manual.

1. Access the list of Favourites:

   - If you are in the map screen, tap and then tap

.

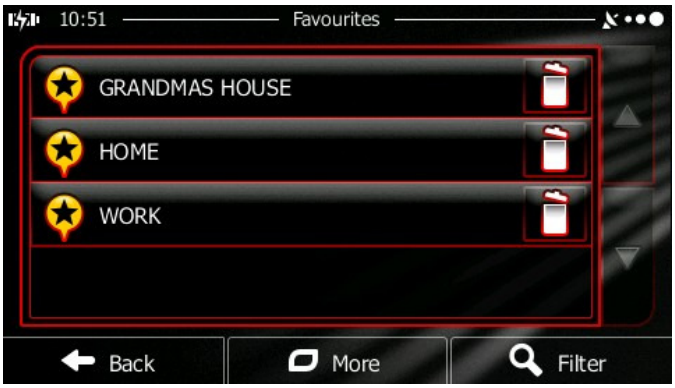
   - If you are in the Navigation menu tap 

and then tap

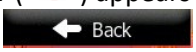
.

2. The list of Favourites will be displayed.
3. Tap the Favourite that you want to set as your destination. If necessary, browse down to see more of the list or tap

and enter a few letters from the name of the Favourite destination.




4. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap

to confirm the destination or tap 

to select a new destination.
5. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

6. Tap

to modify the route parameters or tap

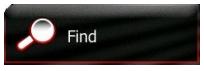
to start your journey.

## 3.1.5 Selecting One of the Most Likely Destinations (Smart History)

The destinations that you have set earlier appear in the History list. Two of those recent destinations are shown in the Destination menu for easy access. Smart History offers these locations based on your navigation habits, using parameters like the current time of day, the day of week, and the current location. The more you use the navigation software, the better it can guess your desired destination.

1. If you are on the Map screen, tap

to return to the Navigation menu.

2. In the Navigation menu, tap 


3. Tap

or

destination in the History field.

4. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap

to confirm the destination or tap

to select a new destination.

5. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

6. Tap

to modify the route parameters or tap

to start your journey.

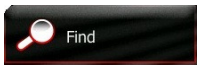
## 3.1.6 Selecting a Recent Destination From the History

The destinations that you have set earlier appear in the History.

1. Access the History:

   - If you are in the map screen, tap and then tap

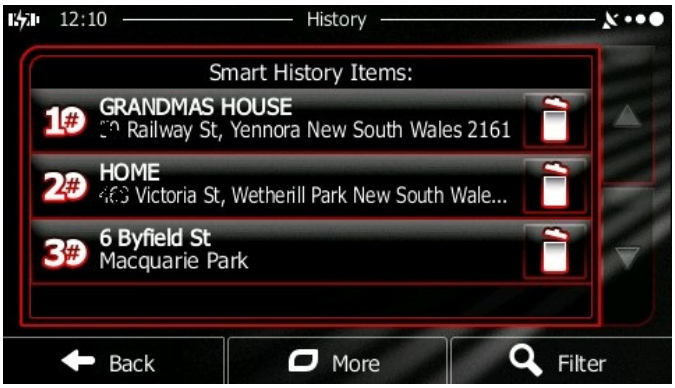
.

   - If you are in the Navigation menu tap 

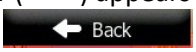
and then tap

.

2. The list of recent destinations appears. Smart History promotes three destinations to the first page based on your previous routes (most likely destinations). The rest of the destinations are ordered by time they were last selected. If necessary, scroll the list to see earlier destinations




3. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The cursor ( ) appears at the new location. Tap

to confirm the destination or tap 

to select a new destination.

4. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

5. Tap

to modify the route parameters or tap

to start your journey.

## 3.1.7 Building a Route from the List of Destinations (Create Route)

You can also build your route destination by destination from the My Route menu.

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap My Route.
3. Tap Create Route.
4. There is only one line in the list of route points, the start point of the route, normally the current GPS position.
5. Tap to select the destination.

6. Destination menu appears and you can select the destination of the route the same way as described in the previous sections.

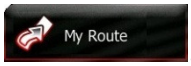
7. When the new destination is selected, the list returns.
8. To add more destinations, tap where you want to insert the new route point in the list, and repeat the above procedure.

## 3.2 Viewing the Entire Route on the Map

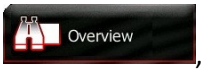
An overview of eth active route can be displayed:

1. If you are on the Map screen, tap

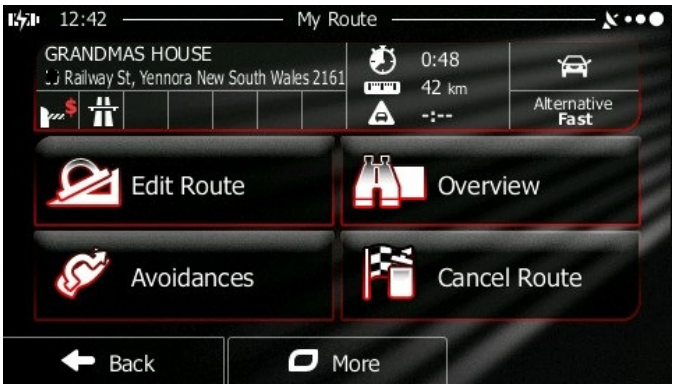
to return to the Navigation menu.

   In the Navigation menu, tap 

.

2. Tap 

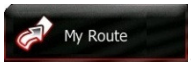
, The active route is displayed in its full length on the map together with additional information and controls.




## 3.3 Checking route parameters and accessing route related functions

1. If you are on the Map screen, tap

to return to the Navigation menu.

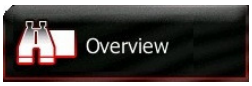
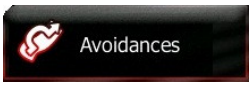
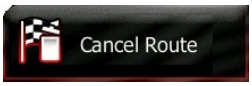
2. In the Navigation menu, tap 

.

3. The following pieces of information are displayed:

- The name and/or address of the destination.
- Warning icons (if any). They provide extra information about your route (e.g. unpaved roads or toll roads to be taken).
- The total time of the route.
- The total length of the route.
- Estimated delay calculated from traffic events on your route.
- The symbol of the vehicle type used in route calculation.
- The route planning method (e.g. Fast).

4. You have the following options on this screen (for detailed instructions on how to use them, see the next chapter):

| | |
|---|---|
| | **Edit Route:** Tap to edit the route: to add or remove destinations or change their sequence. You can also set a route start point other than your current location. This can be useful to plan and save a future trip. |
|   | **Overview:** Tap to display the entire route on the map. |
|   | **Avoidance:** Tap to bypass a part of the route. |
|   | **Cancel Route**: Tap to delete the active route |
| | **More:** Tap to open a list with more options like selecting from route alternatives, changing route parameters, simulating the route, saving the active route or loading a previously saved route |
| | **Back:** Tap to return to the Navigation Menu |

## 3.4 Modifying the Route

When navigation is already started, there are several ways to modify the active route. The following sections show some of those options.

### 3.4.1 Selecting a New Destination When Already Having a Route: New Route, Waypoint or Final Destination

If you already have a recommended route and you select a new destination as described in the above sections, the application will ask you whether to start a new route, add a new waypoint (intermediate destination) to the route or append the newly selected destination at the end of the current route.

**New Route:** Tap to plan a new route to the newly selected location. The previous destination and waypoint(s) are deleted.

**Waypoint:** Tap to add the newly selected location as an intermediate destination to your route. The other destinations of the route remain intact. Note: the new waypoint is placed among destinations to keep the route optimal. To decide where a waypoint to appear, use the Edit Route feature.

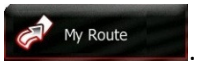
**Final Destination:** Tap to append the newly selected destination at the end of the route. The other destinations of the route remain intact. The previous final destination is now the last waypoint.

## 3.4.2 Setting a New Starting Position for the Route

For normal navigation, all routes are planned from the current position. In order to check future routes, simulate them or see their length in time and distance, you can turn off the GPS receiver. Then you can set the starting point of the route to a different location than the current GPS position.

**15.** If you are on the Map screen, tap

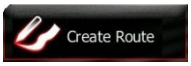
to return to the Navigation menu.

In the Navigation menu, tap 

.

If you already have a route tap

to display the route listing

If you are starting a new route tap 

to create a new route.

The first line is the start of the route, normally the current GPS position. Tap and confirm your action at the warning message.

The Destination menu appears and you can select the start point of the route the same way you select a destination.

When the new start point is set, tap .

The map returns with a transparent Vehimarker (showing that there is no GPS reception). If an active route already existed, it is now recalculated starting from the selected location.

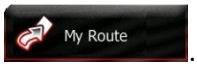
To return to normal navigation tap

## 3.4.3 Editing the List of Destinations (Edit Route)

You can edit the route by modifying the list of destinations. You can add or remove destinations, modify the start position or reorder the list.

1. If you are on the Map screen, tap

to return to the Navigation menu.

   In the Navigation menu, tap 

.

   Tap

to display the route listing.

   You have the following options.

| | |
|---|---|
| | Tap to add a new waypoint in to the route or a new destination. |
| | Tap to delete the waypoint or destination. |
| | Tap to modify the starting point of the route. |
|
 | Tap to reorder the list. You can reorder it manually or you can let the application optimise the route for you |

## 3.4.4 Pausing the Active Route

You do not need to pause the active route: If you stop and then restart the GPS, when you start driving again, the software restarts the voice instructions from your position and continues navigating you to your destination.

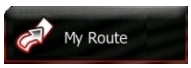
## 3.4.5 Cancelling the Active Route

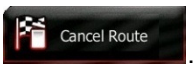
To cancel the navigated route, do one of the following:

- If you are on the Map screen, tap and then

.

- If you have a route with waypoints you will need to tap


- In the navigation menu, tap 

and then 

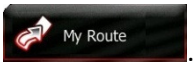
. The active route is cancelled with all its waypoints.

## 3.4.6 Changing the Route Planning Method (Route Alternatives)

To recalculate the active route with a different route planning method, you can modify the Route settings as described later in this manual. Another way for this is to compare these alternatives. Do as follows:

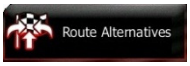
1. If you are on the Map screen, tap

to return to the Navigation menu.

2. In the navigation menu tap 

.

3. Tap


4. Tap 

and then tap the different methods to see the affect on the route.*

**Calculating the alternative routes may take a few seconds to several minutes depending the length and complexity of the current route.*

| | |
|---|---|
| **Fast** | Gives a quick route if you can travel at or near the speed limit on all roads. Usually the best selection for fast and normal cars. |
| **Short** | Gives a short route to minimise the distance to travel. Usually practical for pedestrians, cyclists or slow vehicles. Searching for a short route regardless of the speed, this route type is rarely practical for normal vehicles. |
| **Green** | Combines the benefits of Fast and Short: The software calculates as if it was calculating the Fast route, but it takes other roads as well to save fuel and reduce $CO_2$ emissions. |
| **Easy** | Results in a route with fewer turns and no difficult manoeuvres. With this option, you can make your software to take, for example, the motorway instead of a series of smaller roads or streets. |

5. Tap

to return to the previous screen. The software recalculates the route with the selected route planning method. The orange line now shows the new recommended route.

***The times and projected $CO_2$ emissions displayed in this screen are indicative only. Actual time and emissions will vary.***

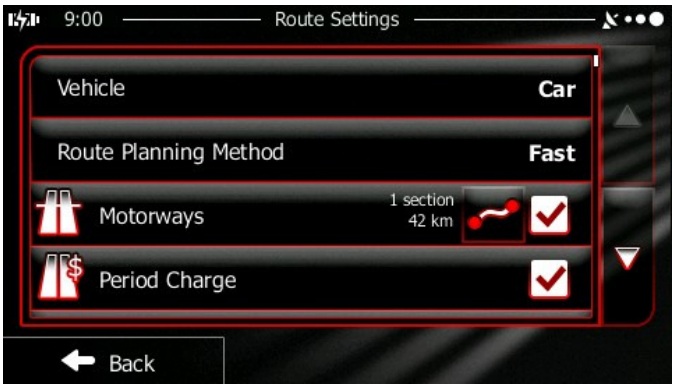
## 3.4.7 Changing the Vehicle Used in Route Planning

To recalculate the active route for a different vehicle, do as follows. These changes can also be made in Settings as described later in this manual.

1. If you are on the Map screen, tap and then

.
2. Tap

and then select the type of vehicle you are driving.




Some of the available options are:

3. The software recalculates the route optimised for the new vehicle type. The orange line now shows the new recommended route.

***Note!***

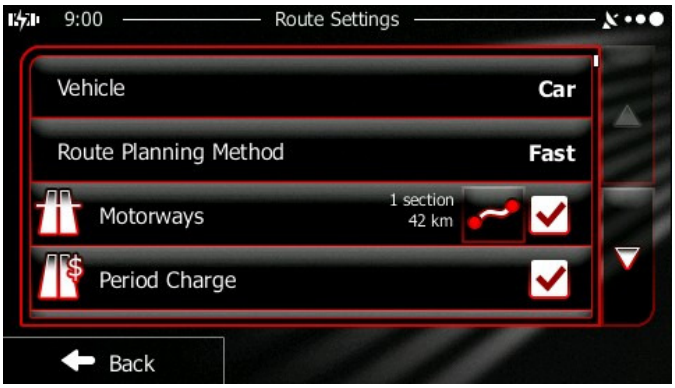
*If you select the **Pedestrian** or **Bicycle mode** and you forget to change it back to a vehicle later, the software warns you when you travel with a speed that is too high for a pedestrian. You are allowed to switch back instantly to.*

## 3.4.8 Changing the Road Types Used in Route Planning

To recalculate the active route with different road type preferences, do as follows. These changes can also be made in Settings as described later in this manual

1. If you are on the Map screen, tap  and then 

.




2. Tap any of the listed road types to modify the route. If needed, scroll the list for all road types. You have the following options (their order depends on the selected vehicle type):

| | |
|---|---|
| | You might need to avoid motorways when you are driving a slow car or you are towing another vehicle. |
| | Charge roads are pay roads where you can purchase a pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads. |
| | The software includes toll roads (pay roads where there is a per-use charge) in the routes by default. If you disable toll roads, your software plans the best toll-free route. |
| | The software includes ferries in a planned route by default. However, a map does not necessarily contain information about the accessibility of temporary ferries. You might also need to pay a fare on ferries. |
| | The software excludes unpaved roads by default: unpaved roads can be in a bad condition and usually you cannot reach the speed limit on them. |
| | The software will calculate the rout based on the lowest CO2 level from the figure entered in the vehicle settings. |

3. Tap to confirm the changes. The software recalculates the route. The orange line now shows the new recommended route.

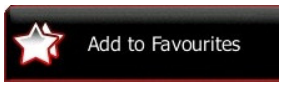
## 3.5 Saving a Location as a Favourite Destination

You can add any location to Favourites, the list of frequently used destinations. Planning a route to one of the Favourite destinations is described earlier in this manual.

1. Select a destination as described before. It can be an address, a Place, any location on the map, a previously used destination from History, a coordinate or a location where a photo was taken.

2. When the full screen map appears with the selected location in the middle, tap

.

3. Tap 


4. (optional) Using the keyboard, you can change the name offered for the Favourite. Tap

to enter numbers or symbols.

5. Tap

to save the location as a new Favourite destination.

## 3.6 Watching the Simulation of the Route

You can run a simulated navigation that demonstrates the active route. Do as follows:

**1.** If you are on the Map screen, tap Menu to return to the Navigation menu.

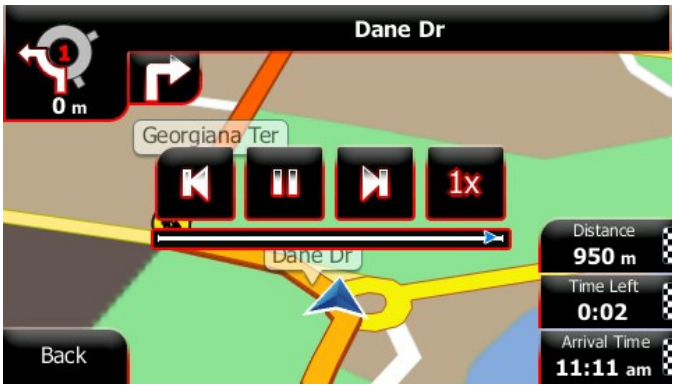
In the navigation menu tap My Route.

Tap More

**2.** Scroll down the list and tap Simulate Navigation.

The simulation starts from the starting point of the route, and using a realistic speed, it leads you through the whole recommended route.

**3.** You have the following controls during the simulation (the control buttons disappear after a few seconds but you can open them again if you tap the map):




| | | | |
|---|---|---|---|
| | Jump to the previous route event. | | Jump to the next route event. |
| | Pause or restart the simulation. | 1x | Tap to increase the speed of the simulation to4, 8 or 16 times faster. |

Tap Back to stop the simulation at any time.

# 4. Reference Guide

On the following pages you will find the description of the different concepts and menu screens used in this software.

## 4.1 Concepts

### 4.1.1 Smart Zoom

Smart Zoom provides much more than just a usual automatic zoom feature:

- **While following a route:** when approaching a turn, it will zoom in and raise the view angle to let you easily recognise your manoeuvre at the next junction. If the next turn is at a distance, it will zoom out and lower the view angle to be flat so you can see the road in front of you.
- **While driving without an active route:** Smart Zoom will zoom in if you drive slowly and zoom out when you drive at high speed.

### 4.1.2 Daytime and Night Colour Themes

The software uses different colour themes during the day and during the night for both the map and the menu screens.

- Daytime colours are similar to paper road maps, and the menus are bright.
- The night colour themes use dark colours for large objects to keep the average brightness of the screen low.

The software offers different daytime and night colour profiles. It can also switch automatically between the daytime and the night schemes based on the current time and GPS position a few minutes before sunrise, when the sky has already turned bright, and a few minutes after sunset, before it becomes dark.

### 4.1.3 Colour Theme in Tunnels

When entering a tunnel, the colours of the map change. All buildings disappear, large objects (such as surface waters or forests) and empty areas between roads become black.

However, roads and streets keep their original colours from the daytime or night colour theme currently used.

After leaving the tunnel, the original colours return.

## 4.1.4 Route Calculation and Recalculation

Your software calculates the route based on your preferences:

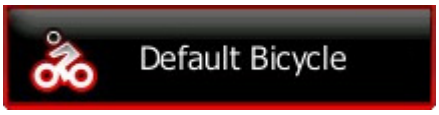
### 4.1.4.1 Route Planning Methods

| | |
|---|---|
| Fast | Gives a quick route if you can travel at or near the speed limit on all roads. Usually the best selection for fast and normal cars. |
| Short | Gives a short route to minimise the distance to travel. Usually practical for pedestrians, cyclists or slow vehicles. Searching for a short route regardless of the speed, this route type is rarely practical for normal vehicles. |
| Green | Combines the benefits of Fast and Short: The software calculates as if it was calculating the Fast route, but it takes other roads as well to save fuel and reduce $CO_2$ emissions. |
| Easy | Results in a route with fewer turns and no difficult manoeuvres. With this option, you can make your software to take, for example, the motorway instead of a series of smaller roads or streets. |

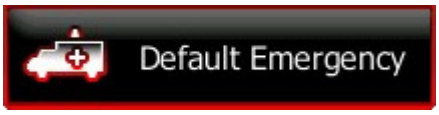
The times and projected $CO_2$ emissions displayed using these options are indicative only. Actual time and emissions will vary.

### 4.1.4.2 Vehicle Types

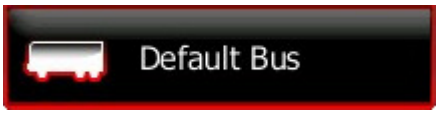
| | |
|---|---|
| Default Car | • Manoeuvre restrictions and directional constraints are taken into account when planning a route.<br>• Roads are used only if access for cars is allowed.<br>• Private roads and resident-only roads are used only if they are inevitable to reach the destination.<br>• Walkways are excluded from routes. |
| Default Pedestrian | • Neither manoeuvre restrictions nor directional constraints are taken into account when planning a route.<br>• Roads are used only if access for pedestrians is allowed.<br>• Controlled-access roads are excluded from routes.<br>• A private road is used only if the destination is there.<br>• Speed limits are not used in route calculation and an average walking speed is used when calculating the estimated time of arrival. |




- Manoeuvre restrictions and directional constraints (if they are applied to bicycles in the map data) are taken into account when planning a route.
- Roads are used only if access for bicycles or pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average cycling speed is used when calculating the estimated time of arrival.

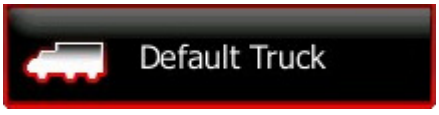



- All manoeuvres are available in intersections.
- Directional constraints are taken into account the way that opposite direction is allowed with a low speed.
- A private road is used only if the destination is there.
- Walkways are excluded from routes.



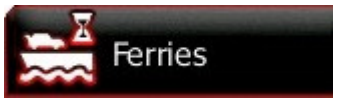
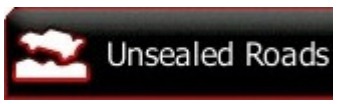
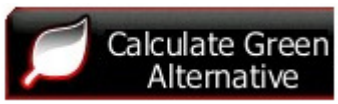

- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for buses is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for taxis is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.




- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for Truck is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

### 4.1.4.3 Road Types Used or Avoided in Route Calculation

| | |
|---|---|
| | You might need to avoid motorways when you are driving a slow car or you are towing another vehicle. |
| | Charge roads are pay roads where you can purchase a pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads. |
| | The software includes toll roads (pay roads where there is a per-use charge) in the routes by default. If you disable toll roads, your software plans the best toll-free route. |
|   | The software includes ferries in a planned route by default. However, a map does not necessarily contain information about the accessibility of temporary ferries. You might also need to pay a fare on ferries. |
|   | The software excludes unpaved roads by default: unpaved roads can be in a bad condition and usually you cannot reach the speed limit on them. |
|   | The software will calculate the rout based on the lowest CO2 level from the figure entered in the vehicle settings. |

Your software automatically recalculates the route if you deviate from the proposed itinerary or if a newly received Traffic event concerns a part of the recommended route.

## 4.1.5 Road Safety Cameras and Other Proximity Alert Points

There is a special proximity warning for road safety cameras (like speed or red light cameras) and other proximity alert points (like schools or railroad crossings). These alert points are preloaded in the software. You can download more from www.naviextras.com or you can upload points in a specific text file if needed.

The application can warn you when you approach road safety cameras like speed cameras or dangerous areas like school zones or railroad crossings. You can set up the different alert types individually in Sound and Warning settings (page 72).

The following alert types are available:

- **Audio warning:** beeps or the name of the alert type can be played while you are approaching the camera, or extra alert sounds if you exceed the speed limit while approaching one of these cameras.
- **Visual warning:** the type of the alert point, its distance and the related speed limit appear on the Map screen while you are approaching one of these cameras. The distance from the camera is also displayed.

For some of the alert points, the enforced or expected speed limit is available. For these points, the audio alert can be different if you are below or above the given speed limit.

- **Only when speeding**: The audio alert is only played when you exceed the given speed limit.
- **When approaching**: The audio alert is always played. In order to draw your attention, the alert can be different if you exceed the speed limit.

The warning for road safety cameras is disabled when GPS position is not available or if you are in certain countries where road safety camera warning is prohibited.

## 4.1.6 Speed Limit Warning

Maps may contain information about the speed limits of the road segments. The software is able to warn you if you exceed the current limit. This information may not be available for your region (ask your local dealer), or may not be fully correct for all roads in the map. Speed warning can be fine-tuned in Sound and Warning settings (page 72).

You can set the relative speed above which the application initiates the warning.

The following alert types are available:

- **Audio warning:** you receive a verbal warning when you exceed the speed limit with the given percentage.
- **Visual warning**: the current speed limit is shown on the map when you exceed it (for example:

).

You can also choose to see the speed limit sign on the map all the time.

## 4.1.7 Battery and GPS Position Quality Indicators

You can find useful information in the top corners of menu screens.

The battery symbol in the top left corner, next to the current time shows information about the rechargeable battery of the device.

| Icon | Description |
|---|---|
| | The battery is charging. The device runs on external power. |
| | The battery is not charging but it is full. |
| | The battery is not full but it still has enough capacity. |
| | You need to recharge the battery. |

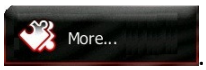
In the top right corner, the GPS reception quality icon shows the current accuracy of the position information.

| Icon | Description |
|---|---|
| | The software has no connection to the GPS receiver: GPS navigation is not possible.<br>Devices with a built-in GPS receiver such as the Navig8r are permanently connected. On such devices, the icon does not appear in normal circumstances. |
| | The software is connected to the GPS receiver, but the signal is too weak and the receiver cannot determine the GPS position.<br>GPS navigation is not possible. |
| | Only a few satellites are received. Position information is available, but elevation (altitude) cannot be calculated.<br>GPS navigation is possible, but the position error may be significant. |
| | Altitude information is available; the position is a 3D position.<br>GPS navigation is possible. |

## 4.2 'More' Menu

The 'More' menu provides you with various options and additional applications.

Tap the following buttons:

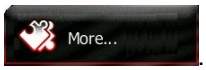
, 

.

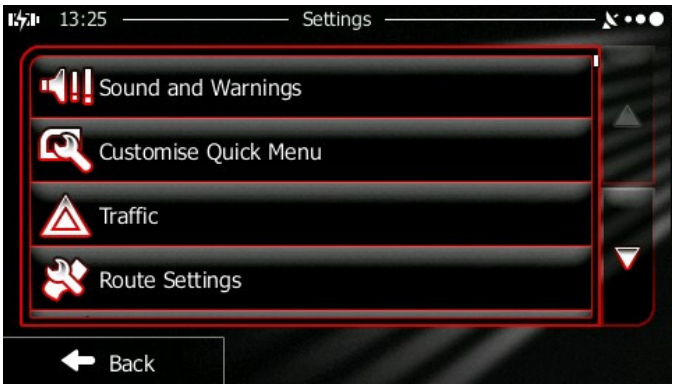
| Button | Description |
|---|---|
| | You can configure the program settings, and modify the behaviour of the software. Fine-tune route planning options, change the look of the Map screen, turn on or off warnings, or restart the Configuration wizard, etc. See the next chapter for details. |
| | Visit www.naviextras.com to get additional content, such as new maps or 3D landmarks and useful applications. |
| | Access the Picture Viewer application. View the pictures stored on your device. If coordinates are stored in your photos, you can start navigating to the place where the selected photo was taken. |
| | Access travel applications: the unit converter helps you convert between various different international units for temperature, speed, area or pressure, etc. |
| | Access travel applications: the clothing size converter helps you convert between various different international size units for men's or women's cloth types and shoes. |
| | The scientific calculator helps you in all your calculation needs. Tap the Mode button for additional functions and use the memory to save your results. |
| | The Fuel consumption monitor helps you keep track of the consumption of your car even if you do not use navigation for all your journeys. Set the initial odometer value and then record the distance taken and fuel filled in whenever you fill your car. You can also set reminders for regular car maintenance. |
| | Tap this button to see the sunlit and dark areas of the world. Your current location and route points are marked on the map. Tap the Details button to see the exact sunrise and sunset times for all your route points (your current location, all waypoints and the final destination). |
| | If you save your trip logs when you arrive at some of your destinations or let the application automatically save the trip logs for you, those logs are all listed here. Tap one of the trips to see the trip statistics, speed and altitude profile. If track log has also been saved, you can display it on the map with the selected colour. Track logs can be exported to GPX files for later use. |

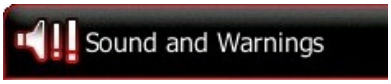
| | |
|---|---|
| | Select a country from the list and see useful driving information about the selected country. Information may include speed limits on different road types, the maximum blood alcohol level and any compulsory equipment you need to show when stopped by the police. |
| | Read the Tutorial to get instant understanding of the functions of your software, or run the Demo to watch sample route simulations to see how navigation works.<br>The About section provides you with product information. Read the Software and Database End User License Agreement, look up content licenses or check the unique identifier of the software. You can also access program usage statistics. |

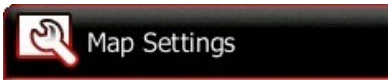
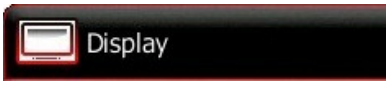
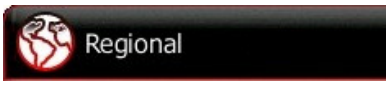
## 4.3 Settings Menu

You can configure the program settings, and modify the behaviour of the software. Tap the following buttons: ,  & .

The Settings menu has several options. Tap or scroll with your finger to see the full list.




| Button | Description |
|---|---|
|  | Adjust the sound volume, mute your device or change the voice guidance language. In addition, you can enable and set up different warnings and alerts. |
| | The content of the Quick menu is fully customisable. Tap the button you want to change, and select its new function from the list. |
| | Configure Driver times when used in heavy vehicle and driving time restrictions are in place. |

| | |
|---|---|
| | The recommended route is not always the same between two points. Offline statistical traffic information (historical traffic data or traffic patterns) can be taken into account in the route calculation based on the time of day and the day of week whenever suitable data exists. This feature is not available on this model. |
| | These settings determine how routes will be calculated. Select the type of vehicle you are driving, the road types used in route planning, and the route planning method. |
|  | You can fine-tune the appearance of the Map screen. Adjust the map view to your needs, choose suitable colour themes from the list for both daytime and night use, change the blue arrow to a 3D car model, show or suppress 3D buildings, turn track logging on or off, and manage you Place visibility sets (which Places to show on the map). |
| | Settings related to guidance on the map screen can be adjusted here. |
|  | Display related settings include menu animations, separate skins for daytime and night use and the brightness of the display. |
|  | These settings allow you to customise the application for your local language, measurement units, time and date settings and formats, as well as to choose the time zone. |
| | Trip logs and track logs contain useful information about your trips. Trip logs can be saved manually when you reach your destination or you can turn on the automatic saving here. |
| | Modify the basic software parameters set during the initial setup process. For details, see page **Error! Bookmark not defined.**. |
| | Delete all saved data and reset all settings to their factory defaults. |

## 4.3.1 Sound and Warnings

Adjust the sound volume, mute your device or change the voice guidance language. In addition, you can enable and set up different warnings and alerts.

| Button | Description |
|---|---|
| Volume | Tap this button to adjust the volume of the different sounds in the application. A new screen shows the different sound types and their controls. See below for details.<br>The loudness of your software is independent of your device settings. When you exit the program, the device default settings return. |
| Voice Language | This button shows the current voice guidance profile. By tapping the button, you can select a new profile from the list of available languages and speakers. Tap any of these to hear a sample voice prompt. Just tap Back when you have selected the new spoken language. |
| TTS Pro | Sets further options for the Text to Speech feature (**TTS**). |
| Verbosity Level | Tap to alter the Verbosity level of the TTS features. Tap to cycle through the options ***Verbose : Minimal : Compact*** |
| Speed Warning Settings | Maps may contain information about the speed limits of the road segments. The software is able to warn you if you exceed the current limit. This information may not be available for your region (ask your local dealer), or may not be fully correct for all roads in the map. This setting lets you decide whether you wish to receive visible and/or audible warnings.<br>Adjust the slider to set the relative speed above which the application initiates the warning.<br>The following alert types are available:<br>• **Audio warning**: you receive a verbal warning when you exceed the speed limit with the given percentage.<br>• **Visual warning:** the current speed limit is shown on the map when you exceed it.<br>If you prefer to see the speed limit sign on the map all the time (normally it is shown only if your speed exceeds it), you can set it here. |
| Warning Sign Alerts | Maps may contain driver alert information. Tap this button to turn on or off these warnings and to set the distance from the hazard to receive the warning at. These can be set individually for the different warning types. |

| | |
|---|---|
| Alert Point Settings | Turns the alert points warnings ON or OFF or you can adjust the settings for individual warning types.<br>The application can warn you when you approach road safety cameras like speed cameras or dangerous areas like school zones or railroad crossings. Tap this button and set the different alert types individually. |

The following alert types are available:

- **Audio warning**: beeps or the name of the alert type can be played while you are approaching the camera, or extra alert sounds if you exceed the speed limit while approaching one of these cameras.

- **Visual warning:** the type of the alert point, its distance and the related speed limit appear on the Map screen while you are approaching one of these cameras. The distance from the camera is also displayed.

For some of the alert points, the enforced or expected speed limit is available. For these points, the audio alert can be different if you are below or above the given speed limit.

- **Only when speeding:** The audio alert is only played when you exceed the given speed limit.

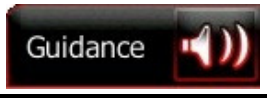
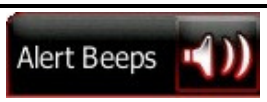
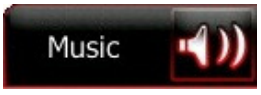
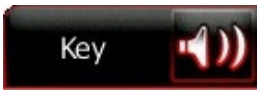
- **When approaching:** The audio alert is always played. In order to draw your attention, the alert can be different if you exceed the speed limit.

Road safety cameras are not displayed in the list when GPS position is not available or if you are in certain countries where road safety camera warning is prohibited.

***Note!:***

- ***By default Safety camera warnings are turned off. Please enter Alert Point Settings to turn these warnings on.***
- ***The speed zones and driver warnings are supplied as a guide only. These may differ from actual driving conditions as they are subject to change by the regulator authorities without warning.***
- ***Speed limits will only be displayed on major roads. No Speed limit information will be displayed on minor or suburban roads,***
- ***It is the responsibility of the driver to ensure that the vehicle is driven within the law and local driving conditions.***
- ***The information provided in this software does not replace any posted warnings or speed limits.***

You can control the volume of the following sound types:

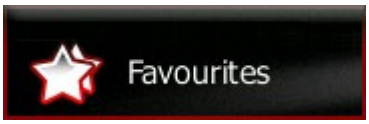
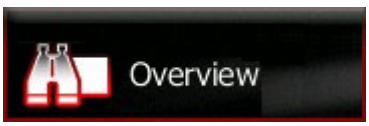
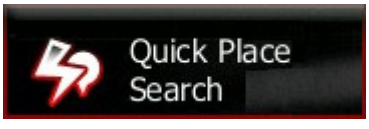
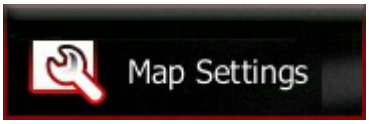
| Button | Description |
|---|---|
| | This is the main volume control. These controls affect all below sounds. It can also be accessed from the Quick menu. |
|   | This control affects the volume of the guidance sounds (verbal instructions). |
|   | This control affects the volume of the alert sounds (beeps). |
|   | This control affects the volume of the background music. (This feature is not available on this model). |
|   | Key sounds provide audible confirmation of either pressing hardware buttons or tapping the touch screen. This control affects key sounds. |

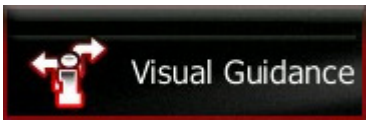
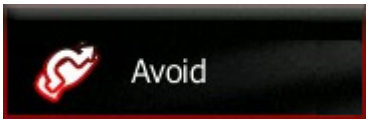
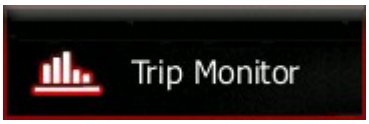
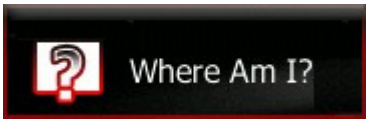
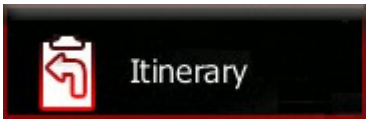
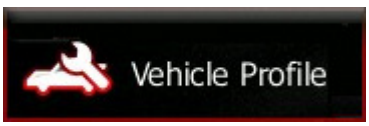
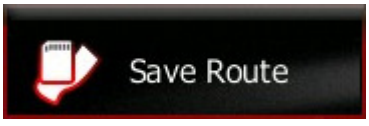
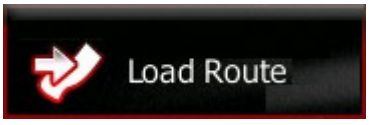
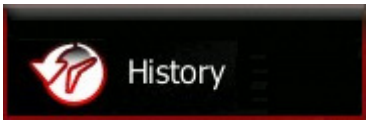
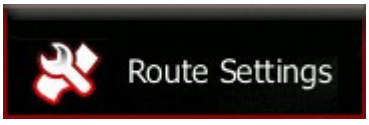
Controls for each sound type:

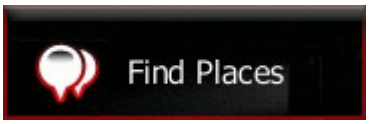
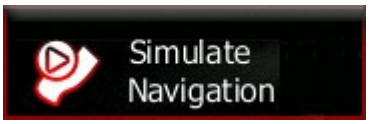
| Button | Description |
|---|---|
| **Volume Slider** | Adjusts the volume of the related sound. |
| or | Use the switch to mute the related sound. The slider becomes inactive. Tap again to re-enable. |

## 4.3.2 Customise Quick Menu

The content of the Quick menu is fully customisable. Tap the button you want to change, and select its new function from the list.

| BUTTON | DESCRIPTION | SHORTCUT FOR |
|---|---|---|
|   | Displays a list of addresses that been saved as favourites. | Find/Favourites |
|   | This function opens a 2D map scaled and positioned to show the entire route. | My Route / Overview |
|   | With this function you can search for Places of Interest in various different ways. | Find / Find Places |
|   | Change the way the map screen and the type of information is displayed | More / Settings / Map settings |

| BUTTON | DESCRIPTION | SHORTCUT FOR |
|---|---|---|
|   | This function opens the Visual Guidance settings screen. | More / Settings / Visual Guidance |
|   | This function lets you bypass parts of the recommended route. | My Route / Avoidances |
| | Cancel current route or remove a waypoint from trip. | My Route / Cancel Route |
|   | This function opens the Trip Monitor screen where you can manage your previously saved trip logs and track logs. | More / Trip Monitor |
|   | Displays information about current location. | N/A |
| | Create or Edit a route | My Route/Create Route |
|   | This function opens the list of manoeuvres (the itinerary). | Tap the top of the Map screen during navigation. |
|   | Adjust the type of vehicle being driven so routes are calculated accordingly. | More / Settings / Route Settings / Vehicle |
|   | Save the current route for later use. | More / My Route / More / Save Route. |
|   | Load a saved route | More / My Route / More / Load Route. |
|   | Displays the destination history | Find / History |
|   | Change the way the software calculates the route | More / Settings ?route Settings |

| BUTTON | DESCRIPTION | SHORTCUT FOR |
|---|---|---|
|  | With this function you can search for Places of Interest in various different ways. | Find / Find Places |
|  | This function opens the Map screen and starts simulating the active route. | My Route / More / Simulate Navigation |
| | This function opens the GPS Information screen with satellite position and signal strength information. | Tap the top of the Map screen when there is no GPS reception |
| | Set the time allowed commercial drivers can drive so warnings can be issued if exceeded. | More / Settings/ Driving time management |

### 4.3.3 Traffic Settings

This feature is not available on this model.

### 4.3.4 Route Settings

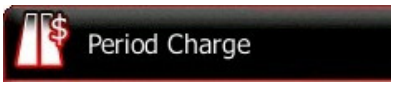
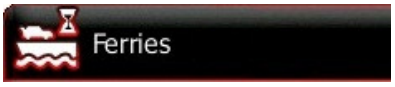
These settings determine how routes will be calculated.

| Button | Description |
|---|---|
| | You can set the type of vehicle you will use to navigate the route. Based upon this setting, some of the road types can be excluded from the route, or some of the restrictions may not be taken into account in route calculation. |
| | The route calculation can be optimised for different situations and vehicle types by changing the planning method. See below for details. |

To let the route fit your needs, you can also set which road types are to be considered for or to be excluded from the route if possible.

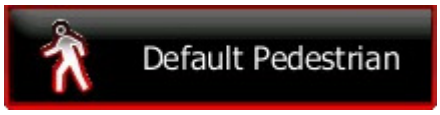
Excluding a road type is a preference. It does not necessarily mean total prohibition. If your destination can only be accessed using some of the excluded road types, they will be used but only as much as necessary. In this case a warning icon will be shown on the My Route screen, and the part of the route not matching your preference will be displayed in a different colour on the map.

In the list of road types you can see in how many segments and what total length of the road type is used in the current route.

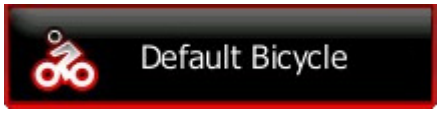
| Button | Description |
|---|---|
| | You might need to avoid motorways when you are driving a slow car or you are towing another vehicle. |
|  | Charge roads are pay roads where you can purchase a pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads. |
| | The software includes toll roads (pay roads where there is a per-use charge) in the routes by default. If you disable toll roads, your software plans the best toll-free route. |
|  | The software includes ferries in a planned route by default. However, a map does not necessarily contain information about the accessibility of temporary ferries. You might also need to pay a fare on ferries. |
| | The software excludes unpaved roads by default: unpaved roads can be in a bad condition and usually you cannot reach the speed limit on them. |
| | The software will calculate the rout based on the lowest CO2 level from the figure entered in the vehicle settings. |

### 4.3.4.1 Vehicle Types

- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for cars is allowed.
- Private roads and resident-only roads are used only if they are inevitable to reach the destination.
- Walkways are excluded from routes.




- Neither manoeuvre restrictions nor directional constraints are taken into account when planning a route.
- Roads are used only if access for pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average walking speed is used when calculating the estimated time of arrival.




- Manoeuvre restrictions and directional constraints (if they are applied to bicycles in the map data) are taken into account when planning a route.
- Roads are used only if access for bicycles or pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average cycling speed is used when calculating the estimated time of arrival.

- All manoeuvres are available in intersections.
- Directional constraints are taken into account the way that opposite direction is allowed with a low speed.
- A private road is used only if the destination is there.
- Walkways are excluded from routes.

- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for buses is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for taxis is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for Truck is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

### 4.3.4.2 Route Planning Method Types

| | |
|---|---|
| Fast | Gives a quick route if you can travel at or near the speed limit on all roads. Usually the best selection for fast and normal cars. |
| Short | Gives a short route to minimise the distance to travel. Usually practical for pedestrians, cyclists or slow vehicles. Searching for a short route regardless of the speed, this route type is rarely practical for normal vehicles. |
| Green | Combines the benefits of Fast and Short: The software calculates as if it was calculating the Fast route, but it takes other roads as well to save fuel and reduce $CO_2$ emissions. |
| Easy | Results in a route with fewer turns and no difficult manoeuvres. With this option, you can make your software to take, for example, the motorway instead of a series of smaller roads or streets. |

***The times and projected $CO_2$ emissions displayed using these options are indicative only. Actual time and emissions will vary.***

### 4.3.5 Vehicle Profile

You can enter the vehicle information to allow the software to calculate the most environmentally friendly way to get to your destination. This information is used when calculating the route to offer an alternative to the basic route setting.

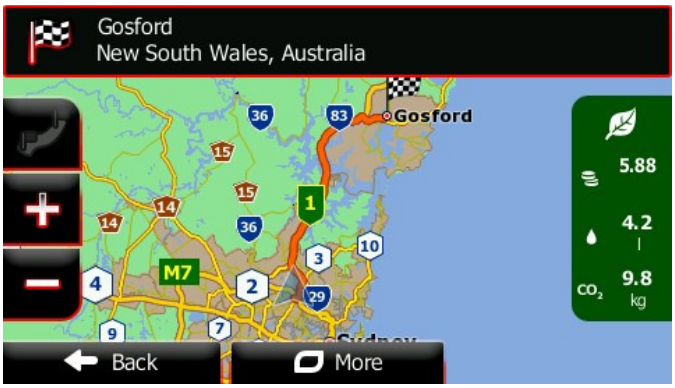
| Button | Description |
|---|---|
| Name | Set the name of the vehicle profile. Several profiles can be set using different names and settings. |
| Fuel Consumption in Cities | Enter the average fuel consumption for your vehicle for city driving. |
| Fuel Consumption on Highways | Enter the average fuel consumption for your vehicle for highway driving. |
| Engine Type | Select the type of engine in your vehicle. Choose from<br>• Petrol<br>• Diesel<br>• Hybrid Engine (Petrol) |
| Fuel Price | Enter the price of fuel the last time you filled the vehicle. |
| Max. Speed | Set the preferred maximum speed of the vehicle. This will alarm if lower than the posted limit when exceeded. |
| Use Extended Settings | Set vehicle options such as length, width, load type and alike. |

Tap the button to reset the default the vehicle.



Green Route information is displayed in the Route Overview:

- Approximate fuel cost of journey
- Approximate fuel consumption
- Approximate $co_2$ emissions.




***Note!:***

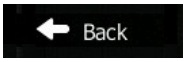
- ***Al calculations are approximates only and can vary between actual results.***
- ***Please ensure that the variables such as petrol price, economy etc. are correct at the time of route calculation.***
- ***Please check Route Alternatives to get the best balance of time, distance, economy and emissions.***
- ***Variations in routes will depend on the availability in alternatives between starting point and selected destination. In some cases all route details may be the same as only one route may be available.***

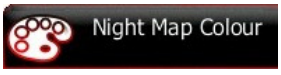
## 4.3.6 Map Settings

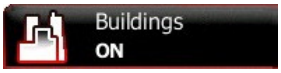
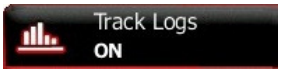
You can fine-tune the appearance of the Map screen. Adjust the map view to your needs, choose suitable colour themes from the list for both daytime and night use, change the blue arrow to a 3D car model, turn track logging on or off, and manage you Place visibility sets (which Places to show on the map).

The map is always shown on the screen so that you can see the effect when you change a setting.

Tap to display more options.

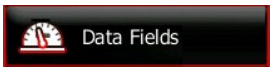
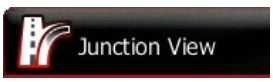
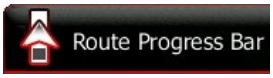
Tap  to return to the previous screen.

| Button | Description |
|---|---|
| | Switch the map view between a 3D perspective view and a 2D top-down view. |
| | Adjust the basic zoom and tilt levels to your needs. Three levels are available. ***Low – Normal - High*** |
| | Automatic Overview, when navigating will display the overview of the route to be taken if there are no driver instructions to be followed about 5 kilometres. Screen will return to normal view when close to instructions. |
| | Switch between daytime and night colour modes or let the software switch between the two modes automatically a few minutes before sunrise and a few minutes after sunset. |
| | Select the colour scheme used in daytime mode. |
|  | Select the colour scheme used in night mode. |
| | Replace the default position marker to one of the 3D vehicle models. You can select separate icons for different vehicle types selected for route planning. Separate icons can be used for car, pedestrian and the other vehicles. |
| | This feature is not available on this model. |

| | |
|---|---|
|  | This feature is not available on this model. |
|  | Turn on or off track log saving, that is, saving the sequence of the locations your journeys go through. |
| | Select which Places to show on the map while navigating. Too many Places make the map crowded so it is a good idea to keep as few of them on the map as possible. For this, you have the possibility to save different Place visibility sets. You have the following possibilities:<br>• Tap the checkbox to show or hide the Place category.<br>• Tap the name of the Place category to open the list of its subcategories.<br>• Tap to save the current Place visibility set or to load a previously saved one. Here you can also revert to the default visibility settings. |

## 4.3.7 Visual Guidance Settings

Settings related to guidance on the map screen can be adjusted here.

| Button | Description |
|---|---|
|  | The data fields in the corner of the Map screen can be customised. Tap this button and select the values you want to see. The values can be different when you navigate a route from when you are just cruising without a given destination. You can select general trip data like your current speed or the altitude, or route data related to your final destination or the next waypoint on your route. |
| | When activates and travelling on Motorways, the Service icon will be displayed. Tap to view details on upcoming exits and services. |
| | Select the Facility Types to be displayed on the Motorway Services panel (see above). |
| | Whenever adequate information is available, lane information similar to the real ones on road signs above the road is displayed at the top of the map. You can turn this feature on or off. |
|  | This feature is not available on this model. |
|  | Turn on the route progress bar to see your route as a straight line on the left side of the map. The blue arrow represents your current position and moves up as you travel. Waypoints are also displayed on the line. |

## 4.3.8 Display Settings

Display related settings include menu animations, separate skins for daytime and night use and the brightness of the display.

| Button | Description |
|---|---|
| Menu Animations | When animation is turned on, buttons on menus and keyboard screens appear in an animated way. Screen transitions are also animated. |
| Day Skin Theme | Select the style and colours of the application used in daytime mode. |
| Night Skin Theme | Select the style and colours of the application used in night mode. |
| Current Backlight | Adjust the display backlight. |

## 4.3.9 Regional Settings

These settings allow you to customise the application for your local language, measurement units, time and date settings and formats, as well as to choose the time zone.

| Button | Description |
|---|---|
| Program Language | This button displays the current written language of the user interface. By tapping the button, you can select a new language from the list of available languages. The application will restart if you change this setting; you are asked to confirm this. |
| Time Zone | You can set the distance units to be used by the program. Your software may not support all the listed units in some voice guidance languages.<br>Select between 12 and 24 hours time display and the various international date display formats. |
| Units and Formats | By default, time zone is taken from the map information and adjusted by your current location. Here you can set time zone and daylight saving manually. |

## 4.3.10 Trip Monitor Settings

Trip logs and track logs contain useful information about your trips. Trip logs can be saved manually when you reach your destination or you can turn on the automatic saving here. You can access these logs in the Trip monitor. Trip monitor is available from the More menu.

| Button | Description |
|---|---|
| Enable auto-saving | Trip monitor can record statistical data of your trips. If you need these logs later, you can let the application save them automatically for you. |
| Trip database size | This is not a button. This line shows the current size of the trip database, the sum of all trip and track logs saved. |
| Save track log | Track logs, the sequence of the positions given by the GPS receiver, can be saved together with trip logs. They can later be displayed on the map. You can let the application save the track log whenever it saves a trip. |

## 4.3.11 Log Collection

The navigation Software collects information on how the application is used. This information can be used for improving the application. These logs are processed anonymously and no one will be able to track any personal information.
This information is collected only when the Navig8r connected to the PC for updates through the Naviextras website. No personal information is collected.
This feature can be disabled.

## 4.3.12 Start Configuration Wizard

This option allows the user to set all the language and voice type option as well as regional settings while keeping the history, favourites and log data that may have been entered.
This feature is useful if the Nvaig8r is used overseas or by another person.

## 4.3.13 Reset to Defaults

This feature should be used with great care. When exercised the software is restarted and all saved history, logs and favourites are cleared.

The Software will restart and all settings will be reset to default.
Data erased during this process cannot be recovered.

# 5 Updating

This Navig8r is supplied with a 30 Day Map Guarantee.

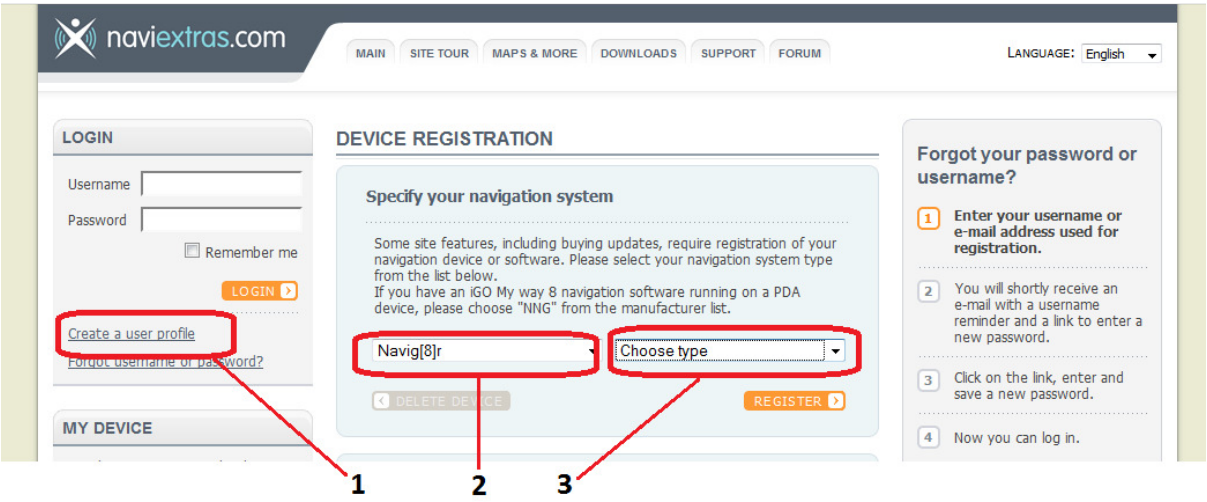
If there is a later map available for the T series Navig8r within 30 days of first use it can be downloaded and installed on your GPS free of charge.

The map must be claimed within the 30 days of first use or the claim may not be valid.

The update can only be completed on Windows based computers. The software is not MAC compatible.

Registration of the Navig8r must be completed on the Naviextras webpage.

http://www.naviextras.com


naviextras.com
MAIN
SITE TOUR
MAPS & MORE
DOWNLOADS
SUPPORT
FORUM
LANGUAGE: English
LOGIN
Username
Password
Remember me
LOGIN
Create a user profile
Forgot username or password?
MY DEVICE
DEVICE REGISTRATION
Specify your navigation system
Some site features, including buying updates, require registration of your navigation device or software. Please select your navigation system type from the list below.
If you have an iGO My way 8 navigation software running on a PDA device, please choose "NNG" from the manufacturer list.
Navig[8]r
Choose type
DELETE DEVICE
REGISTER
Forgot your password or username?
1 Enter your username or e-mail address used for registration.
2 You will shortly receive an e-mail with a username reminder and a link to enter a new password.
3 Click on the link, enter and save a new password.
4 Now you can log in.
1
2
3

**1)** After logging on to the website click on the link to create a user profile and then follow the onscreen instructions.

**2)** Select **Navig[8]r** from the “Choose Manufacture” field

**3)** Then choose the model from the “Choose Type” field.

Click on the REGISTER button to register the device.

To complete the update you will need to download and install the Naviextras Toolbox software.

For more information about the Naviextras Toolbox software please see the Naviextras webpage.

# 6 Glossary

## 2D/3D GPS reception

The GPS receiver uses satellite signals to calculate its (your) position and needs at least four signals to give a three-dimensional position, including elevation. Because the satellites are moving and because objects can block the signals, your GPS device might not receive four signals. If three satellites are available, the receiver can calculate the horizontal GPS position but the accuracy is lower and the GPS device does not give you elevation data: only 2D reception is possible.

## Active Route

The currently navigated route. Whenever the destination is set, the route is active until you delete it, reach your destination or you quit the software. See also: Route.

## City Centre

The city/town centre is not the geometric centre of the settlement but an arbitrary point the map creators have chosen. In towns and villages, it is usually the most important intersection; in larger cities, it is one of the important intersections.

## Colour Theme

Your software comes with different colour themes for daytime or night use of the map and menu screens. Themes are custom graphic settings and they can have different colours for streets, blocks or surface waters in 2D and 3D modes, and they display shades or shadows in different ways in 3D mode.

One daytime scheme and one night scheme is always selected for the map and for the menus. The software uses them when it switches from day to night and back.

## GPS Accuracy

Several factors have impact on the deviation between your real position and the one given by the GPS device. For example, signal delay in the ionosphere or reflecting objects near the GPS device have a different and varying impact on how accurately the GPS device can calculate your position.

## Map

The software works with digital maps which are not simply the computerised versions of traditional paper maps. Similarly to the paper road maps, the 2D mode of digital maps show you streets, roads, and elevation is also shown by colours.

In 3D mode, you can see the altitude differences, for example valleys and mountains, elevated roads, and in selected cities 3D landmarks and 3D buildings are also displayed.

You can use digital maps interactively: you can zoom in and out (increase or decrease the scale), you can tilt them up and down, and rotate them left and right. In GPS-supported navigation, digital maps facilitate route planning.

## North-Up Map Orientation

In North-up mode the map is rotated so its top always faces North. This is the orientation for example in Find on Map. See also: Track-up map orientation.

## Road Safety Camera

Special alert points for speed, red light or bus lane cameras. Different data sources are available. You can configure the software to warn you when you approach one of these cameras.

Detecting the location of Road Safety Cameras is prohibited in certain countries. It is the sole responsibility of the driver to check whether this feature can be used during the trip.

## Route

A sequence of route events, i.e. manoeuvres (for example, turns and roundabouts) to reach the destination. The route contains one start point and one or more destinations. The start point is the current (or last known) position by default. If you need to see a future route, the start point can be replaced with any other given point.

## Track-Up Map Orientation

In Track-up mode the map is rotated so its top always points in the current driving direction. This is the default orientation in 3D map view mode. See also: North-up map orientation.

## Vehimarker

The current position is shown with a blue arrow on the map by default. The direction of the blue arrow shows the current heading. This position marker can be replaced with different vehicle and pedestrian symbols. You can even specify different Vehimarkers for different route types (depending on which vehicle type is selected for route calculation).

# Hardware

# 6 Main System Menu

To access the Navig8r Main System Menu tap on the Exit button in the Navigation software. The software will shut down and the following screen will be displayed.

The Main menu allows you to set the defaults or tailor the device settings to best suite your needs. In most cases “out of the box” settings will be more than adequate for most users some settings can be changed to adjust the backlight, system menu language, retrieving system information or even recalibrating the touch screen.
Tapping on each will access different sub menus and features.

Note: Prior to launching any features that may access the Micro SD card reader, please ensure that the card is inserted correctly in the SD card slot on the side of the unit. If the Navig8r has been sitting for a long period without use, please remove the card from the slot and reinsert the card in the slot. Repeat two or three times to ensure that good contact is made.

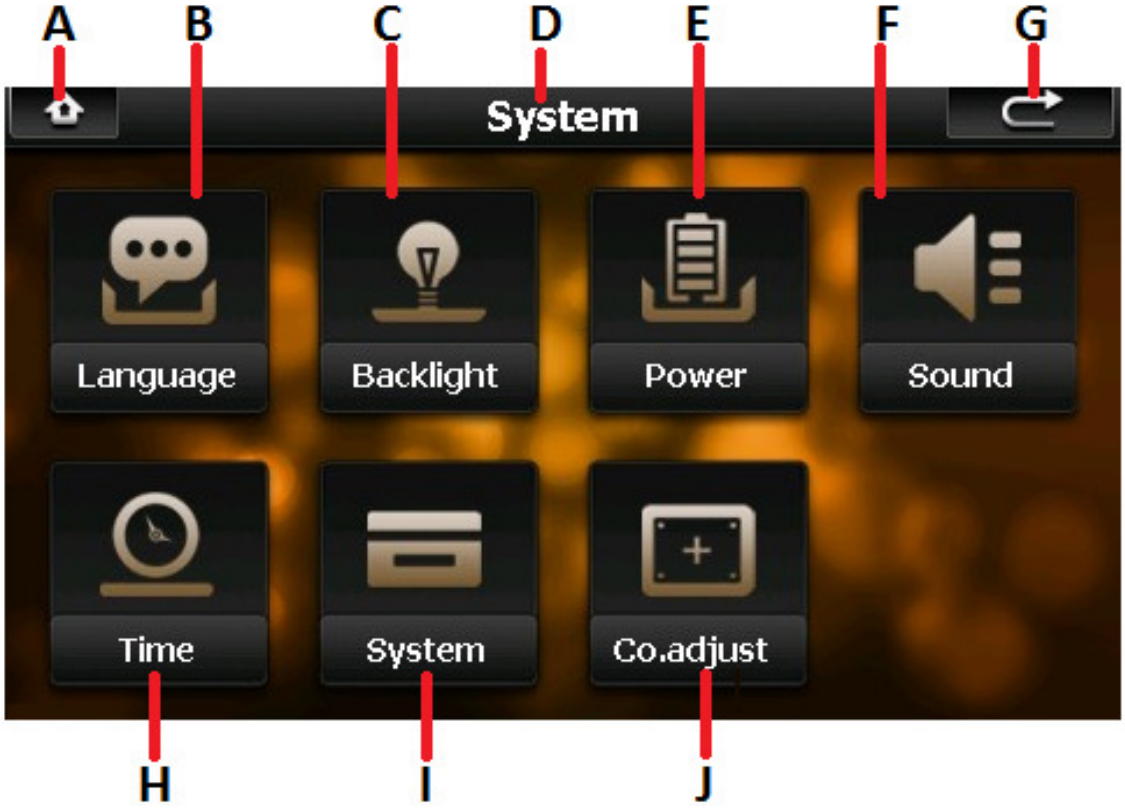
While it is possible to transfer files to the internal memory we recommend that all multimedia files are stored and accessed from Micro SD card

No SD card is required for the Navigation software to function.

## 6.1 GPS

The GPS icon launches the Please refer to the front section of this manual.

## 6.2 SYSTEM




| Item | Title | Description |
|---|---|---|
| A | Home Button | Tap on any screen to return to the Main System Screen |
| B | Language | Enters the system language settings |
| C | Backlight | Enters the system backlight settings |
| D | Page title bar | Shows title of current menu |
| E | Power | Enters the system power settings |
| F | Sound | Enter the system sound settings |
| G | Back Button | Tap on any page to go back one screen. |
| H | Time | Enters the system time and region settings |
| I | System | Enters the System Information page |
| J | CO.adjust | Tap to recalibrate the Navig8r touch screen |

## 6.2.1 Language

Use the and the buttons to scroll through the options and then tap the required language.

Tap the language to be displayed in the main system menu.

Tap the button to return to the previous screen or the button to return to the Main System screen.

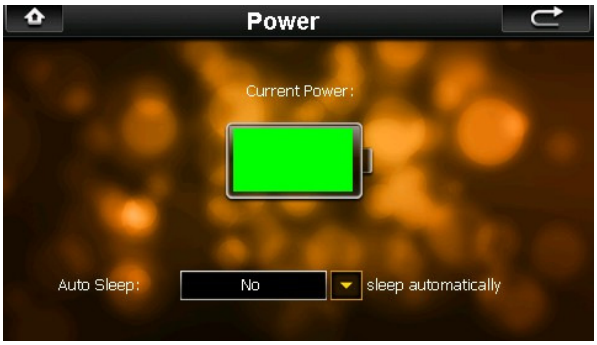
## 6.2.2 Backlight

Disabled = ALWAYS ON

Use the and buttons to decrease or increase the backlight level.
Use the and buttons to set the time the backlight will turn off.

Tap the button to return to the previous screen or the button to return to the Main System screen

## 6.2.3 Power



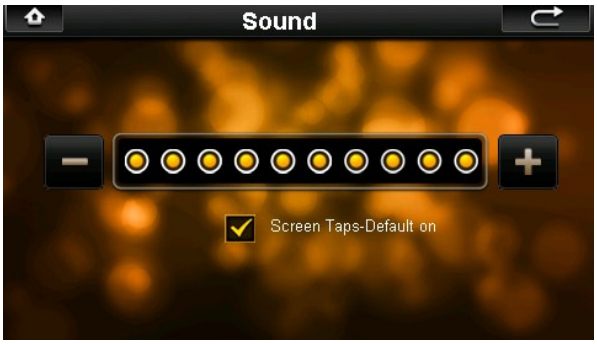

NO = ALWAYS ON

Gives and indication of the current charge level.

Use the button to select a time to for the GPS to automatically sleep after last screen tap

Tap the button to return to the previous screen or the button to return to the Main System screen

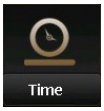
## 6.2.4 Sound




Use the [−] and the [+] buttons to decrease or increase the volume level for you GPS.

Tap the [✓] icon to disable or enable Screen tap sounds.

Tap the [↩] button to return to the previous screen or the [⌂] button to return to the Main System screen.




## 6.2.5 Time

Use the [▲] and the [▼] buttons to set the correct value for each field.

Fields are YYYY – MM – DD
**HH - MM - SS**

Then use the [◀] button or the [▶] to set the correct time zone

The new Date Time and region information will be saved as soon as this menu is exited.

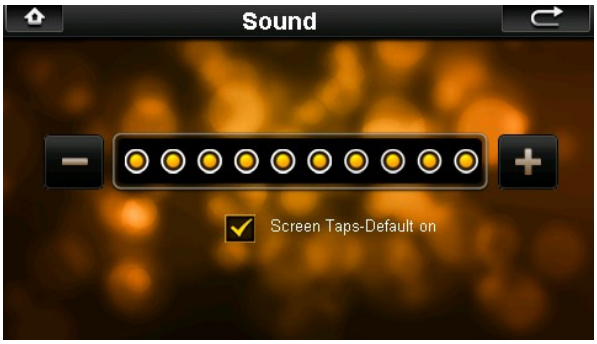
Tap the [↩] button to return to the previous screen or the [⌂] button to return to the Main System screen.

***NOTE:*** *The times settings made in this menu are valid for the system features only. The Navigation software is set to automatically detect can calculate and display the correct Time and Date using the Time & Date code in the GPS satellite signal and the actual location of the GPS.*

*The GPS navigation software can be set to accept the time, date and region information from the hardware.*

*While not absolutely required we strongly recommend that the Time, Date and Region settings be set.*

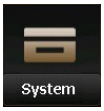
## 6.2.6 Sound




Use the and the buttons to decrease or increase the volume level for you GPS.

Tap the icon to disable or enable Screen tap sounds.

Tap the button to return to the previous screen or the button to return to the Main System screen.




## 6.2.7 System

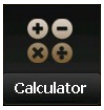
Tap each TAB to display information about each heading.

Tap the button to return to the previous screen or the button to return to the Main System screen.

| TAB | Title | Description |
|---|---|---|
| **VERSION** | Application<br>Kernel Version | Application version number<br>Kernel version number |
| **SN** | Serial Number | Device Serial number |
| **SDRAM** | Total SDRAM<br>Usable SDRAM | Displays total System Ram<br>Displays usable system ram |
| **FLASH** | Flash Space<br>NandFlash Used<br>Usable NandFlash<br>SD Capacity<br>SD Card Used | Total Space on device<br>Used space on device<br>Available space on device<br>SD card Capacity (if fitted)<br>Used SD card Capacity (if fitted) |
| **STORE MEM** | Store Memory | Shows size of available memory |

**Open GPS Record:** This feature allows for data to be collected direct from the GPS antenna and is reserved for diagnostic and troubleshooting purposes. Data may be requested from this feature by Navig8r Support.

## 6.3 Tools




### 6.3.1 Calculator

Use the numeric keypad and function key as needed.

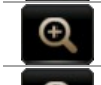
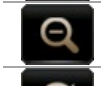
Use the **AC** button to clear the whole display or the ← button to remove the last digit only.

Tap the button to return to the previous screen or the button to return to the Main System screen.

### 6.3.2 Picture Viewer

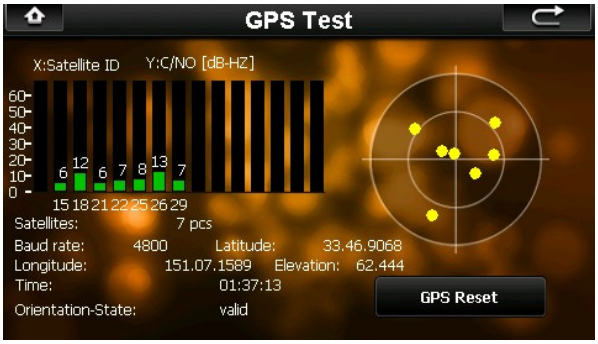
If no images are displayed please press the button to search for images.

Use the or buttons to scroll through the list, tap the on the image to view then press the button to view the image.

| | |
|---|---|
| | Display previous image |
| | Display next image |
|  | Zoom In |
|  | Zoom out |
| | Rotate image 90° clockwise |
| Start Slideshow *(tap screen to end)* | Display image in original size |
| Display in full screen *(tap screen to exit)* | Return to file index screen |

Tap the button to return to the previous screen or the button to return to the Main System screen.

## 6.4 GPS Test




The GPS test page shows information about the number of satellites detected and the quality of the signal.

Tap the **GPS Reset** button to reset the GPS antenna if reception difficulties are noticed.

Tap the button to return to the previous screen or the button to return to the Main System screen.

# 7 TECHNICAL SPECIFICATIONS

| | T43B | T50B |
|---|---|---|
| **Dimensions** | 120 mm X 74.9mm X 12mm, | 132mm X83mm X 13mm, |
| **Weight** | 130g | 180g |
| **Display colour** | 65K | 65K |
| **Resolution** | 480 X 272 | 480 x 272 |
| **Screen** | 4.3" touch panel (113MM) TFT | 5.0" touch panel (126mm) TFT |
| **CPU** | Centrality ATLAS-V (530-50MHz) | Centrality ATLAS-V (530-550MHz) |
| **OS** | Win CE 6 (Core Version) | Win CE 6 (Core Version) |
| **RAM** | 128MB | 128MB |
| **Flash memory** | 2GB | 2GB |
| **Battery** | Li-polymer, 1000 mAH | Li-polymer, 1000 mAH |
| **Power Input** | DC 5V ( through USB port) | DC 5V ( through USB port) |
| **Expansion Slot** | SDHC Micro SD | SDHC Micro SD |
| **Speaker** | Inbuilt speaker | Inbuilt speaker |
| **USB** | USB 2.0 | USB 2.0 |
| **Hot Start** | 3 seconds | 3 seconds |
| **Warm Start** | 29 seconds | 29 seconds |
| **Cold Start** | 38 seconds | 38 seconds |
| **GPS frequency** | 1.5754GHZ | 1.5754GHZ |
| **GPS Module** | SRF GRF3i+ | SRF GRF3i+ |
| **Operation time** | 3.0 hours on battery (average) | 2.5 hours on battery (average) |
| **Audio out** | 3.5mm Stereo Audio jack | 3.5mm Stereo Audio jack |
| **Operation temperature** | -20°C to + 60°C | -20°C to + 60°C |
| **Storage temperature** | -20°C to + 80°C | -20°C to + 80°C |

***Disclaimer:***

***LASER Corporation reserves the right to make any changes to the software or hardware specifications with notice as deemed necessary. Information and images provided in this manual may vary from actual product.***

# 8 Frequently Asked Questions

**Q: What is GPS?**

**A:** GPS stands for Global Positioning System. Officially named NAVSTAR GPS, It is a satellite-based radio navigation system developed and operated by the U.S. Dept of Defence. GPS is operated and controlled by the Government of the United States of America, who are responsible for the availability and accuracy of the system. The system is allowed to be used free of charge.

GPS signals are available to an unlimited number of users simultaneously, and allow users to find their position on land, sea and in the air, the correct time, and velocity 24 hours a day anywhere on earth. The first GPS satellite was launched in 1978 and the full constellation of 24 satellites was achieved in 1994. A GPS satellite weighs in at about 900 kilograms and lasts about 10 years before it is required to be replaced.

**Q: How does GPS work?**

**A:** The GPS Navigation system is made up of three segments

**The Space Segment:** This is currently made up of a network of 31 satellites orbiting the earth at an altitude of approximately 19,000 kilometres and travels at about 11,000 kilometres per hour. They orbit the earth twice per day along 6 circular orbital planes. They are positioned so that every inch of the surface of the earth can receive signals from at least 6 of these satellites. GPS satellites transmit signals constantly. These signals are aimed at earth based receivers such as GPS navigation systems. Each satellite transmits data about its location and height of orbit and the time that the signal was sent.

**The Control Segment:** Is the ground based tracking stations around the world that track and monitor each satellite in the NAVSTAR system. The tracking information is monitored by the United States Air Force 2d Space Operations Squadron (2SOPS) at the Schriever Air Force Base in Colorado Springs. 2SOPS regularly contact each satellite with navigational updates. These updates also synchronise the automatic clock on each satellite to within one microsecond and update the orbital data.

**The User Segment:** is the GPS receiver. This is commonly referred to as a Satnav unit or simply a GPS. The receiver will obtain information from at least three satellites and calculate the location and the time it took to receive the signal from each satellite. The receiver then calculates latitude, longitude, direction and velocity. In conjunction with the map software loaded on to the GPS unit, it can calculate your exact location, heading, speed and correct time and overlay the results on a map of the area. The software in the system can also calculate the best route to other locations and give instructions to the driver on the best route giving fair warning of impending turns. These warnings can be given visually or audibly depending on the model of the system.

GPS navigation systems require a clear line of sight to work effectively and will not work indoors. Function may also be impeded in heavily wooded areas and city streets between high rise buildings that may impede line of sight to satellites.

In conjunction with the map software loaded on to the GPS unit, the system can calculate your exact location, heading, speed and correct time and overlay the results on a map of the area. The software in the system can also calculate the best route to other locations and give instructions to the driver on the best route giving fair warning of impending turns. These warnings can be given visually or audibly depending on the model of the system. Different models can have a wide variety of functions and features.

**Q: How accurate are GPS systems?**

**A:** In perfect conditions, GPS navigation systems are generally accurate to 3mtrs. Several factors can impede the accuracy of the GPS unit. These include atmospheric conditions, signal reflection (or multipath) and clock errors. Most of these errors are small and are usually only apparent when stationary. Typically a personal GPS unit is accurate to within 15 meters.

The GPS system is only as accurate as the mapping software in the unit. If the map data is incorrect the visual representation of you location may not be displayed correctly.

Map data is compiled from several sources and may not be 100% up to date. Councils and regulatory authorities may change road signs, add or remove traffic lights and roundabouts and change the direction of traffic along roads at any time and these changes may not have been made at the time the mapping software was complied.

**Q: Why does my Navig8r receiver show that I am moving when I am standing still?**

**A:** Occasionally, GPS satellites may broadcast a signal error called Selective Availability (SA). This can be displayed as up to 4KPH of movement on the GPS receiver.

**Q: The GPS unit will not turn on after charging. What can I do to get it working again?**

**A:** In most cases this problem is easy to resolve. Make sure that the GPS is charged or connected to a power supply. Remove the Mount Cover form the rear of the device and locate the reset button.

Using the supplied stylus, press the reset button. The GPS unit should now start and load the main menu. You will need to reset any settings such as the system time and date again.
If the above does not work and the system will not start, please contact the reseller or tech support support@Navig8r.com.au

**Q: What other factors will affect the accuracy of my Navig8r?**

**A:** While GPS receivers can be quite accurate, there are several factors that can impede the performance and accuracy of the system. GPS receivers require a clear line of sight to the satellites to receive the signal.

Bad placement of the receiver in the car can reduce the reception of the signal. This is the most common cause of poor reception.

Tall buildings in high rise areas such as city streets can impede the signal reception as well as introducing "Phantom Signals" or Multi Path. These can reflected off buildings and other surfaces, which make it hard for the GPS receiver to function correctly as it receiving two signals from the same satellite. This is more apparent when the vehicle is travelling very slowly or at a stop.

Atmospheric conditions such as solar flares and heavily wooded or areas of dense foliage can also affect the detection of satellite signals.

**Q: Can I connect my Navig8r with a Macintosh?**

**A:** The Navigator GPS is detected by computers as Mass Storage devices simular to USB drives. Macs running OSX 10.2 or later should be able to access the GPS and SD Card Slot by connecting with the supplied USB cable without the need for any software or drivers to be installed.

**Q: My Navig8r is frozen or displays a blue screen, or will not turn on, how do I fix this?**

**A:** Contact technical support.

**Q: I cannot find an address!**

**A:** Check the address that you are looking for. The street may be listed as in a different suburb than your information. Some addresses are given in a "preferred" suburb rather than the actual listed suburb.
Map data for the Laser Navig8r is sourced from PSMA Australia (formerly Public Sector Mapping Agencies) and is as up to date as possible at the time of compilation

**Q: I can find the street but not the house number.**

**A**: If when entering a destination, the Navig8r cannot find a particular street number but can find the correct street, try entering a number just above or just below on the same side of the road as the address you are looking for. For example if you are looking 101 Smith St. but the Navig8r cannot find it, try looking for 99 or 103 Smith St. House numbers can be spaced differently on one side of the street to another; the number 100 may be a block or two in either direction.

**Q: I have finger prints over the screen of my Navig8r, how do I clean it?**

**A:** The Navig8r can be cleaned by using a soft damp to dry cloth. Lightly wipe the screen and the case as required. Use another dry soft cloth to make sure that there is no moisture left on the Navig8r.

Do not use any cleaning products to clean the screen or case of the Navig8r as it may cause damage to the screen of the finish on the case. Using only the supplied stylus will also help keep the screen clean.

**Q: Where should I position the Navig8r in my car?**

**A:** There are several factors to consider when mounting the Navig8r in the car for use. The unit should be positioned to give it the best possible view of the sky. This usually means at the base of the windscreen just above the dashboard. Make sure that the brackets are secure and the unit is fitted correctly so that the Navig8r doesn't come loose while driving. It should also be placed so that it does not hinder the driver's vision through the windscreen. It also needs to be visible while in a normal driving position without having to turn your head or take your eyes of the road while driving.

**Q: I find it hard to enter an address while driving, what should I do?**

**A:** The driver of a vehicle should not attempt to enter destinations or change the setting on the Navg8r while the vehicle is in motion. It is very easy to get distracted. Pull over to the side of the road when safe and enter the destination.

**Q: I received my Navig8r as a gift, I need to send it for repairs. What should I do?**

**A:** The Laser Navig8r is covered by a 12 month warranty from the date of purchase on the GPS unit only. Accessories are not covered by warranty. Replacement accessories packs are available from where the Navig8r is sold or online at the Navig8r website.

The Laser Navig8r is covered by a 14 day DOA (Dead on Arrival Period). During this period the Navig8r should be returned to the place of purchase for a replacement.

After the DOA period, please contact technical support for the warranty process. Please remember a proof of purchase will be required for any warranty claim.

**Q: Why do I sometimes find map errors?**

A: While all care is taken, there are a lot of roads out there, and traffic signals, detours etc are constantly being made to roads. Sometimes the maps may not reflect the true status of the route shown.

**Q: I am having issues syncing with the satellite**

**A:** Ensure that you have clear access to the sky. Turn the unit off and back on again. If the unit has been turned off for a period of time it can take a few minute to sync with the satellites again.

**Q: When I drive in a large CBD area, the GPS drops out or has trouble syncing**

**A:** CBD areas can have a canyon affect on GPS systems. Not only can tall buildings hide the signal from GPS satellites, it can also reflect the signals of the satellites that can be detected. This makes it hard for the GPS unit to calculate the correct position. This is more noticeable at slower speeds. Try moving to an area that gives a better view of the sky.

For further information about you Navig8r GPS please visit the Navig8r Website at
***HTTP://WWW.NAVIG8R.COM.AU***

For navigation software or map related issues please visit
***HTTP://WWW.NAVIEXTRAS.COM***

# 9 END USER LICENCE AGREEMENT (EULA)

1 The contracting parties

1.1 This Agreement has been entered into by and between Nav N Go Kft. (registered seat: 23 Bérc utca, H-1016 Budapest, Hungary; Company reg.no.: 01-09-891838) as Licensor (hereinafter: Licensor) and You as the User (hereinafter: User; the User and the Licensor jointly referred to as: Parties) in subject of the use of the software product specified in this Agreement.

2 Conclusion of the Agreement

2.1 The Parties hereby acknowledge that this Agreement shall be concluded by implicit conduct of the Parties without signing the Agreement.

2.2 The User hereby acknowledges that following the lawful acquisition of the software product constituting the object of this Agreement (Section 4), any degree of use, installation into a computer or other hardware, installation of such hardware into a vehicle, pressing of the “Accept” button displayed by the software during installation or use (hereinafter referred to as Use) shall mean that the User has accepted the terms and conditions of this Agreement as legally binding.

2.3 This Agreement shall by no means authorise use of the software product by those persons having unlawfully acquired the software product or having unlawfully installed it on a computer or in a vehicle.

3 Relevant laws and regulations

3.1 To all issues not regulated by this Agreement, the laws of the Republic of Hungary, with specific reference to Act IV of 1959 on the Civil Code and to Act LXXVI of 1999 on Copyrights shall apply.

3.2 The original language version of this Agreement is the Hungarian version. This Agreement has versions in other languages as well. In case of dispute the Hungarian version shall prevail.

4 Object of the Agreement

4.1 The object of this Agreement shall be the navigation guidance software product of Licensor (hereinafter referred to as the Software Product).

4.2 The Software Product shall include the operating computer program, its complete documentation, the map database pertaining thereto and any third-party content and services accessible through the Software Product (hereinafter: Database).

4.3 Any form of display, storage, coding, including printed, electronic or graphic display, storage, source or object code, or any other as yet undefined form of display, storage, or coding, or any medium thereof shall be deemed parts of the Software Product.

4.4 Error corrections, additions, updates used by the User following the conclusion of this Agreement shall also be deemed parts of the Software Product.

5 Rights under copyright

5.1 Unless otherwise provided by law or contractual provisions, the Licensor is the sole and exclusive owner of all material copyrights vested in the Software Product.

5.2 Copyrights extend to the whole Software Product and to its parts separately as well.

5.3 The owner(s) of the copyrights of the Database forming part of the Software Product is (are) the natural person(s) or corporate entity(ies) listed in the Appendix to this Agreement or in the “About” menu item of the operating computer programme (hereinafter referred to as Database Owner). The user's manual of the Software Product includes the name of the menu option where all the owners of the Database items are listed. The Licensor hereby states that it has obtained sufficient usage and representation rights from the Database owners in order to utilise the Database, to offer it for utilisation and to transfer it for utilisation as set forth in this Agreement.

5.4 Pursuant to this Agreement, all rights vested in the Software Product shall remain in the ownership of the Licensor, except for those to which the User is entitled under law or by virtue of this Agreement.

6 Rights of the User

6.1 The User is entitled to install the Software Product into one hardware device (desktop, handheld, portable computer, navigation device), and to run and use one copy of the Software Product or a preinstalled copy of the Software Product thereon.

6.2 The User undertakes and accepts that the Software Product and/or its certain elements and/or contents provided by third parties may require separate action (registration/activation) within the time period specified in the Software product to achieve its partial or full functionality.

6.3 The User is entitled to make one backup copy of the Software Product. However, if the Software Product operates after installation without the use of the original media copy, then the original media copy shall be deemed to be a backup copy. In all other cases, the User is only entitled to use the backup copy if the original media copy of the Software Product has been ascertainably and unequivocally rendered unsuitable for its lawful and intended use.

7 Limitations of use

7.1 The User is not entitled

7.1.1 to duplicate the Software Product (to make a copy thereof);

7.1.2 to lease, rent or lend it or to transfer it to a third person for any reason;

7.1.3 to translate the Software Product (including translation (compilation) to other programming languages);

7.1.4 to decompile the Software Product;

7.1.5 to evade the protection of the Software Product or to modify, circumvent or obviate such protection through technological or by any other means;

7.1.6 to modify, extend, transform the Software Product (in whole or in part), to separate it into parts, combine it with other products, install it in other products, utilise it in other products, not even for the purpose of achieving interoperability with other devices;

7.1.7 apart from using the computer program, to obtain information from the Database as a part of the Software Product, to decompile the Database, to use, copy, modify, extend, transform the Database in whole or in part or the group of data stored therein, or to install it in other products or otherwise, utilise it in other products or to transfer it, not even with the aim of achieving interoperability with other products.

7.2 The User acknowledges that the Software Product may prohibit or block partly or completely the use of the Software Product and/or its parts and/or third party contents if the separate action (activation/registration) as specified in Section 6 is not met within the time defined in the Software Product.

7.3 The User may only use the contents available through the Software Product and provided by third parties and the data received through the services provided by third parties (including but not limited to the traffic data received from the RDS TMC traffic information service) for his/her own personal benefit and at his/her own risk. It is strictly prohibited to store, to transfer or to distribute these data or contents or to disclose them in full or in part to the public in any format or to download them from the product.

8 No warranty or limitation of responsibility

8.1 The Licensor hereby informs the User that although the greatest care was taken in producing the Software Product, given the nature of the Software Product and its technical limitations, the Licensor does not provide a warranty for the Software Product being completely error-free, and the Licensor is not bound by any contractual obligation whereby the Software Product obtained by the User should be completely error-free.

8.2 The Licensor does not warrant that the Software Product is suitable for any purpose defined either by the Licensor or the User, and does not warrant that the Software Product is capable of interoperating with any other system, device or product (e.g. software or hardware).

8.3 The Licensor does not assume any responsibility for damages incurred due to an error in the Software Product (including errors of the computer program, the documentation and the Database).

8.4 The Licensor does not assume any responsibility for damages incurred due to the Software Product not being applicable for any defined purpose, or due to the error or incompatibility of the Software Product with any other system, device or product (e.g. software or hardware).

8.5 The Licensor also draws the attention of the User to the fact that, when using the Software Product in any form of vehicle, observing the traffic regulations and rules (e.g. use of obligatory and/or reasonable and suitable security measures, proper and generally expected care and attention in the given situation, and special care and attention required due to the use of the Software Product) is the exclusive responsibility of the User. The Licensor shall not assume any responsibility for any damages occurred in relation to use of the Software Product in a motor vehicle.

8.6 By concluding the Agreement, the User shall, in particular, acknowledge the information stated in Section 8 above.

9 Sanctions

9.1 The Licensor hereby informs the User that, if the Licensor finds its rights under the Copyright Act to be breached, the Licensor may

9.1.1 seek judicial recognition of this breach;

9.1.2 demand that the breach cease and order the person in breach to refrain from continuing such actions;

9.1.3 demand that the person under breach give proper compensation (even by way of publicity at the expense of the person in breach);

9.1.4 claim the return of the increase of assets due to the breach;

9.1.5 demand the cease of the wrongful action and, demand restitution to its state before the breach was committed at the expense of the person in breach, and may demand the destruction of instruments and materials used to commit the breach as well as of the products created by the breach;

9.1.6 claim for damages.

9.2 The Licensor hereby also informs the User that the breach of copyrights and related rights is a crime under Act IV of 1978 on the Hungarian Criminal Code, which may be sentenced of two years in prison in basic cases and up to eight years in prison in aggravated cases.

9.3 Contents and services provided by third parties

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